TENDER REFERENCE NO. (CT2008B015)
DOCUMENT "C"
Standard of Rates

TENDER FOR MAINTENANCE, REPAIR AND MINOR WORKS RELATING TO MECHANICAL AND ELECTRICAL SERVICES, BUILDING AND OTHER FACILITIES SERVICES FOR SATS AIRFREIGHT TERMINAL 1 TO 6, TNT AND MDL WORKSHOP FOR THE PERIOD 27 NOV 2020 TO 26 NOV 2025

#### **DOCUMENT "C"**

# STANDARD OF RATES FOR

- (I) PRICE SCHEDULE OF RATES I BUILDING WORKS
- (II) PRICE SCHEDULE OF RATES II MECHANICAL WORKS
- (III) PRICE SCHEDULE OF RATES III ELECTRICAL WORKS
- (IV) PRICE SCHEDULE OF RATES IV PLUMBING AND SANITARY WORKS

# **CONTENTS**

|                       | PAGE NO.   |
|-----------------------|------------|
| Building Works        | BW 1 – 195 |
| Mechanical Works      | MW 1 – 164 |
| Electrical Works      | EW 1 – 41  |
| Plumbing and Sanitary | PS 1 – 235 |

BW-1

# PRICE SCHEUDLE OF RATES I - BUILDING WORKS

# 1. EXCAVATE

| S/No | Description                                                                                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| EX.1 | Clear level or sloping site of tall grass, shrubs, bushes, undergrowth, etc. and small trees not exceeding 600 mm girth at a height of 1 metre above ground and grub up their roots and fill voids with earth obtained from Contractor's own sources and disposal of materials off site.         | sq m | 1.36           |
| EX.2 | Excavate surface to reduce level not exceeding 100 mm deep to average depth, get out, remove, deposit, spread, level and mechanically ram and consolidate on site or remove off site to a dump as directed by the University or deposit at contractor's own dumping ground.                      | sq m | 1.7            |
| EX.3 | Excavate surface to reduce level exceeding 100 mm and not exceeding 200mm deep to average depth, get out, remove, deposit, spread, level and mechanically ram and consolidate on site or remove off site to a dump as directed by the University or deposit at contractor's own dumping ground.  | sq m | 1.87           |
| EX.4 | Excavate surface to reduce level exceeding 200 mm and not exceeding 300mm deep to average depth, get out, remove, deposit, spread, level and mechanically ram and consolidate on site or remove off site to a dump as directed by the University or deposit at contractor's own dumping ground.  | sq m | 2.81           |
| EX.5 | Excavate surface to reduce level exceeding 300 mm and not exceeding 1000mm deep to average depth, get out, remove, deposit, spread, level and mechanically ram and consolidate on site or remove off site to a dump as directed by the University or deposit at contractor's own dumping ground. | cu m | 6.97           |
| EX.6 | Add for items 2 to 5 each additional 2.00 m in depth beyond the first 1.00m deep.                                                                                                                                                                                                                | cu m | 2.93           |
| EX.7 | Add for excavating by hand for which mechanical means is not possible for quantity which is less than 250 cu m in any single operation or for any other reason the use of mechanical plant is not possible for level n.e. 100 mm deep.                                                           | sq m | 1.19           |
| EX.8 | Add for excavating by hand for which mechanical means is not possible for quantity which is less than 250 cu m in any single operation or for any other reason the use of mechanical plant is not possible for level exceeding 100mm & n.e. 200mm deep.                                          | sq m | 1.45           |
| EX.9 | Add for excavating by hand for which mechanical means is not possible for quantity which is less than 250 cu m in any single operation or for any other reason the use of mechanical plant is not possible for level exceeding 200mm & n.e. 300mm deep.                                          | sq m | 2.38           |

| EX.10 | Add for excavating by hand for which mechanical means is not possible for quantity which is less than 250 cu m in any single operation or for any other reason the use of mechanical plant is not possible for level exceeding 300mm & n.e. 1000 mm deep.                  | cu m | 12.75 |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| EX.11 | Excavate in slopes or embankment and get out, remove, deposit, spread and level on Site and/or remove to ENV's approved dumping ground including trimming surfaces of slopes.                                                                                              | cu m | 12.75 |
| EX.12 | Roll with power roller not exceeding one tonne or with approved hand roller.                                                                                                                                                                                               | sq m | 0.6   |
| EX.13 | Trim undulating ground to form level surface or embankments or to required falls.                                                                                                                                                                                          | sq m | 1.11  |
| EX.14 | Excavate trenches for surface water channels and drains not exceeding 525 mm width to an average depth not exceeding 750 mm, get out, backfill, remove surplus excavated materials off site and make good (length measured over sump pits)                                 | m    | 6.89  |
| EX.15 | Excavate to form trenches for foundations, drains, culverts retaining walls, etc. not exceeding 2.00m deep and get out, part return, fill in and ram and remainder remove and deposit, spread and level on Site and/or remove to ENV's dumping ground.                     | cu m | 12.75 |
| EX.16 | Excavate to form trenches for foundations, drains, culverts retaining walls, etc. exceeding 2.00m and not exceeding 4.00m deep and get out, part return, fill in and ram and remainder remove and deposit, spread and level on Site and/or remove to ENV's dumping ground. | cu m | 15.3  |
| EX.17 | Excavate to form trenches for foundations, drains, culverts retaining walls, etc. exceeding 4.00m and not exceeding 6.00m deep and get out, part return, fill in and ram and remainder remove and deposit, spread and level on Site and/or remove to ENV's dumping ground. | cu m | 38.12 |
| EX.18 | Excavate to form trenches for foundations, drains, culverts retaining walls, etc. exceeding 6.00m deep and get out, part return, fill in and ram and remainder remove and deposit, spread and level on Site and/or remove to ENV's dumping ground.                         | cu m | 47.9  |
| EX.19 | Excavate for pier holes and the like not exceeding 1 cu m each and get out, remove, deposit, spread and level on site and/or remove to ENV's approved dumping ground.                                                                                                      | no   | 19.55 |

| EX.20 | Extra over for excavating trenches in semi-hard ground not exceeding 2.00m deep.                                                                                                              | cu m | 22.02 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| EX.21 | Extra over for excavating trenches in semi-hard ground exceeding 2.00m & not exceeding 4.00m deep.                                                                                            | cu m | 27.88 |
| EX.22 | Extra over for excavating trenches in semi-hard ground exceeding 2.00m & not exceeding 6.00m deep.                                                                                            | cu m | 57.21 |
| EX.23 | Extra over for excavating trenches in semi-hard ground exceeding 6.00m deep.                                                                                                                  | cu m | 71.83 |
| EX.24 | Extra over for excavating pier holes in semi-hard ground.                                                                                                                                     | cu m | 29.33 |
| EX.25 | Extra over excavation for excavating trenches in hard ground not exceeding 2.00m deep (blasting will not be permitted. Work has to be carried out by pneumatic tools, etc.).                  | cu m | 27.88 |
| EX.26 | Extra over excavation for excavating trenches in hard ground exceeding 2.00m & not exceeding 4.00m deep(blasting will not be permitted. Work has to be carried out by pneumatic tools, etc.). | cu m | 35.28 |
| EX.27 | Extra over excavation for excavating trenches in hard ground exceeding 4.00m & not exceeding 6.00m deep(blasting will not be permitted. Work has to be carried out by pneumatic tools, etc.). | cu m | 72.42 |
| EX.28 | Extra over excavation for excavating trenches in hard ground exceeding 6.00m deep(blasting will not be permitted. Work has to be carried out by pneumatic tools, etc.).                       | cu m | 91.04 |
| EX.29 | Extra over excavation for excavating pier holes in hard ground (blasting will not be permitted. Work has to be carried out by pneumatic tools, etc.).                                         | no   | 37.15 |

| EX.30 | Excavate pits, small holes, etc (i.e. holes not exceeding 1cu m) to receive bases of posts etc, get out, backfill, remove surplus excavated materials off site and make good.                                                                                                                                     | no   | 18.28 |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| EX.31 | Timber left in excavation as directed including cutting runners below ground level (price to include wedges, cleats, etc.).                                                                                                                                                                                       | sqm  | 11.22 |
| EX.32 | Backfill and ram best of excavated material around foundations in 150 mm layers.                                                                                                                                                                                                                                  | cu m | 6.04  |
| EX.33 | Remove excavated material to a dump within site as directed by the University irrespective of distance.                                                                                                                                                                                                           | cu m | 7.06  |
| EX.34 | Remove excavated material to a dump off site as directed by the University irrespective of distance.                                                                                                                                                                                                              | cu m | 37.91 |
| EX.35 | Dry approved earth filling obtained from the Contractor's own sources, deposited, spread and consolidated by hand or mechanical means in layers of 300 mm and as directed to make up levels or banks.                                                                                                             | cu m | 7.91  |
| EX.36 | Dry approved earth filling obtained from the Contractor's own sources, in filling to slipped banks including taking out loose, muddy soil and all necessary hand or mechanical ramming as directed.                                                                                                               | cu m | 13.18 |
| EX.37 | Take out silt, loose muddy soil or other materials from existing running storewater channels, drains exceeding 150 mm deep, sump pits or cesspits and remove, deposit, spread and level in positions as directed by the University or remove off site.                                                            | cu m | 40.21 |
| EX.38 | Take out silt, loose muddy soil or other materials from existing running storewater channels, drains exceeding 150 mm deep, sump pits or cesspits and remove, deposit, spread and level in positions as directed by the University or remove off site from shallow drains not exceeding 150 mm deep.              | m    | 1.02  |
| EX.39 | Take out silt, loose muddy soil or other materials from existing running storewater channels drains exceeding 150 mm deep, sump pits or cesspits and remove, deposit, spread and level in positions as directed by the University or remove off site but including clearing grass on one or both sides of drains. | m    | 2.38  |

| EX.40 | Sand in bed, filling, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                                                 | cu m | 91.12  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
| EX.41 | 60 mm granite aggregate in beds, fillings, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                            | cu m | 108.59 |
| EX.42 | 40 mm granite aggregate in beds, fillings, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                            | cu m | 91.04  |
| EX.43 | 20 mm granite aggregate in beds, fillings, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                            | cu m | 85.94  |
| EX.44 | 12 mm granite aggregate in beds, fillings, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                            | cu m | 80.54  |
| EX.45 | 3 mm to 6 mm granite chipping in beds, filling, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                       | cu m | 69.57  |
| EX.46 | Quarry waste in beds, filling, etc. irrespective of thickness, deposited, spread, levelled and rammed with mechanical rammer, or rolled with hand roller.                                                        | cu m | 53.47  |
| EX.47 | Hardcore as specified in beds, making up levels, etc. and deposited, spread, levelled mechanically consolidated in (in layers of 300 mm thick if exceeding 300 mm thick) and top blinded with sand/granite dust. | cu m | 68.34  |
| EX.48 | Breaking up for brick paving, tarmacadam including granite base course or other existing obstructions on the surface of the ground not exceeding 300 mm thick and removing debris off site.                      | sq m | 17.43  |
| EX.49 | Breaking up for brick paving, tarmacadam including granite base course or other existing obstructions on the surface of the ground but exceeding 300 mm thick and removing debris off site.                      | cu m | 65.79  |

| EX.50 | Break up concrete bases(including excavation around base) not exceeding 0.10 cu m to posts, gate stops, etc. break up concrete, remove debris off site and fill with earth to be obtained from Contractor's own sources and make good.                       | no | 9.86  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| EX.51 | Break up concrete bases(including excavation around base) exceeding 0.10cu m but not exceeding 0.30cu m to posts, gate stops, etc. break up concrete, remove debris off site and fill with earth to be obtained from Contractor's own sources and make good. | no | 28.14 |
| EX.52 | Cutting of tarmacadam surface, brick pavement etc. using powered diamond cutter to achieve straight edge not exceeding 150 mm depth.                                                                                                                         | m  | 10.63 |
| EX.53 | Provide and assemble piling equipment on site to drive bakau pile including moving it around site, subsequent dismantling and removal on completion.                                                                                                         | no | 680   |
| EX.54 | Provide and assemble piling equipment on site to drive treated timber pile including moving it around site, subsequent dismantling and removal on completion.                                                                                                | no | 1020  |
| EX.55 | Provide and assemble piling equipment on site to drive micro pile including moving it around site, subsequent dismantling and removal on completion.                                                                                                         | no | 2550  |
| EX.56 | Supply and drive 80 mm diameter bakau pile. Not exceeding 2.20m long including cutting of pile.                                                                                                                                                              | no | 3.61  |
| EX.57 | Supply and drive 80 mm diameter bakau pile. Exceeding 2.20m but not exceeding 4.40m long including cutting of pile.                                                                                                                                          | no | 5.78  |
| EX.58 | Supply and drive 80 mm diameter bakau pile. Exceeding 4.40m but not exceeding 6.60m long including cutting of pile.                                                                                                                                          | no | 9.35  |
| EX.59 | Supply and drive 80 mm diameter bakau pile. Exceeding 4.40m but not exceeding 6.60m long including cutting of pile and mild steel pipe sleeves.                                                                                                              | no | 11.82 |

| EX.60 | Supply and drive 80 mm diameter bakau pile. Exceeding 6.60m but not exceeding 8.80m long including cutting of pile and mild steel pipe sleeves.                                                                                                                                                                                                                                                                                                                                                                 | no | 15.22 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| EX.61 | Supply and drive 80 mm diameter bakau pile. Supply and lay 80mm diameter bakau roller.                                                                                                                                                                                                                                                                                                                                                                                                                          | m  | 1.19  |
| EX.62 | Supply and drive 100 mm x 100 mm pressure treated timber piles with an approved piling frame and monkey (transporting of piling frame to and from site measured separately)including maneuvering piling frame within site, testing, pitching, heading, pointing and splicing and driving down to an approved set and finally cutting off top of pile to the required level where necessary excavation and disposal of material displaced consequent upon the driving of the pile (Penetration length measured). | m  | 14.66 |
| EX.63 | Supply and drive 125mm x 125mm pressure treated timber piles with an approved piling frame and monkey(transporting of piling frame to and from site measured separately)including maneuvering piling frame within site, testing, pitching, heading, pointing and splicing and driving down to an approved set and finally cutting off top of pile to the required level where necessary excavation and disposal of material displaced consequent upon the driving of the pile (Penetration length measured).    | m  | 16.62 |
| EX.64 | Supply and drive 150mm x 150mm pressure treated timber piles with an approved piling frame and monkey(transporting of piling frame to and from site measured separately)including maneuvering piling frame within site, testing, pitching, heading, pointing and splicing and driving down to an approved set and finally cutting off top of pile to the required level where necessary excavation and disposal of material displaced consequent upon the driving of the pile (Penetration length measured).    | m  | 19.55 |
| EX.65 | Supply and drive 175mm x 175mm pressure treated timber piles with an approved piling frame and monkey(transporting of piling frame to and from site measured separately)including maneuvering piling frame within site, testing, pitching, heading, pointing and splicing and driving down to an approved set and finally cutting off top of pile to the required level where necessary excavation and disposal of material displaced consequent upon the driving of the pile (Penetration length measured).    | m  | 25.42 |
| EX.66 | Supply and fix 5 mm thick mild steel welded box joint size $100 \times 100 \times 450$ mm including all handling, cutting and spiking to pile.                                                                                                                                                                                                                                                                                                                                                                  | no | 13.69 |
| EX.67 | Supply and fix 5 mm thick mild steel welded box joint size 125 x 125 x 450 mm including all handling, cutting and spiking to pile.                                                                                                                                                                                                                                                                                                                                                                              | no | 15.64 |
| EX.68 | Supply and fix 5 mm thick mild steel welded box joint size 150 x 150 x 450 mm including all handling, cutting and spiking to pile.                                                                                                                                                                                                                                                                                                                                                                              | no | 17.6  |

| EX.69 | Supply and fix 5 mm thick mild steel welded box joint size 175 x 175 x 450 mm including all handling, cutting and spiking to pile.                                                                                                                                                                                                                                    | no   | 20.57 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| EX.70 | Strip turf average 50 mm deep, lay aside and preserve for re-use (preserving not exceeding 7 days).                                                                                                                                                                                                                                                                   | sq m | 2.13  |
| EX.71 | Take turf from stake and relay to level or slightly sloping ground (less than 45 degree) including 50 mm thick topsoil and sludge, top dressing, weeding out unwanted grass and weeds, cutting, watering and tending, and replacing when necessary until grass is established.                                                                                        | sq m | 5.36  |
| EX.72 | Strip turf and remove off site (not extra over item).                                                                                                                                                                                                                                                                                                                 | sq m | 1.36  |
| EX.73 | Cow-grass (Axonopus Compressors) obtained from Contractor's own sources laid or slightly sloping surfaces (less than 45 degrees) at 450 mm centres including 25 mm thick topsoil and sludge(1:1), top dressing, weeding out unwanted grass and weeds cutting, watering and tending and replacing when necessary until the grass is established(spot turfing).         | sq m | 3.4   |
| EX.74 | Cow-grass (Axonopus Compressors) obtained from Contractor's own sources laid or slightly sloping surfaces (less than 45 degrees) at 450 mm centres including 25 mm thick topsoil and sludge(1:1), top dressing, weeding out unwanted grass and weeds cutting, watering and tending and replacing when necessary until the grass is laid edge to edge (close turfing). | sq m | 3.91  |
| EX.75 | 25 mm thick (finished thickness) selected black soil obtained from Contractor's own sources, deposited, spread, levelled and rolled with a hand roller and including trimming and levelling formation.                                                                                                                                                                | sq m | 1.11  |
| EX.76 | Add for each additional 25 mm thick (finished thickness) of selected black soil obtained from Contractor's own sources, deposited, spread, levelled and rolled with a hand roller and including trimming and levelling formation.                                                                                                                                     | sq m | 0.85  |
| EX.77 | 25 mm thick topsoil and sludge mixture (3:1) obtained from Contractor's own sources, deposited, spread levelled and rolled with a hand roller.                                                                                                                                                                                                                        | sq m | 0.77  |
| EX.78 | Add for each additional 25 mm thick of topsoil and sludge mixture (3:1) obtained from Contractor's own sources, deposited, spread levelled and rolled with a hand roller.                                                                                                                                                                                             | sq m | 0.6   |

BW-9

| EX.79 | Plough down not exceeding 300 mm deep with an approved disc plough, break up soil lumps as specified with approved tiller and mix sub-soil with sludge (proportion 6:1) as specified including trimming and leveling.                                   | sq m | 1.19   |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
| EX.80 | Approved used sawn timber irrespective of sizes, for needling, strutting or shoring, including all hoop-iron (to be left in excavation).                                                                                                                | sq m | 48.11  |
| EX.81 | Approved used sawn timber for protective timber hoarding including erecting and dismantling after use-BCD drawing Type A(75) (where specially ordered, not related to the work and for protective timber hoarding required to be left in) - Appendix 1. | m    | 212.59 |
| EX.82 | Approved used sawn timber for protective timber hoarding including erecting and dismantling after use-BCD drawing Type B(75) (where specially ordered, not related to the work and for protective timber hoarding required to be left in) - Appendix 2. | m    | 130.14 |
| EX.83 | Approved used sawn timber for protective timber hoarding including erecting and dismantling after use-BCD drawing Type C(75) (where specially ordered, not related to the work and for protective timber hoarding required to be left in) - Appendix 3. | m    | 231.37 |

# 2. CONCRETE

| S/No  | Description                                                                                                                                                                                                                                                                 | Unit    | Unit Cost (\$) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|
| Con.1 | Concrete grade 15 as specified in bed, under foundations, column base, ground beams, in fillings, etc. irrespective of thickness.                                                                                                                                           | cu<br>m | 210.38         |
| Con.2 | Concrete grade 20 as specified in foundations, beds, steps, slabs, aprons, footpath, etc. irrespective of sizes or thickness, including working around rod or fabric reinforcement, steel beams, stanchions, etc.                                                           | cu<br>m | 219.94         |
| Con.3 | Concrete grade 25 as specified in foundations, beds, suspended slabs, beams, columns, staircases, lintels, walls, suspended canopy, stiffeners etc. irrespective of sizes or thickness, including working around rod or fabric reinforcement, steel beams, stanchions, etc. | cu<br>m | 229.5          |

| Con.4  | Concrete grade 25 as specified in foundations each not exceeding 0.07cu m including all necessary formwork, excavation, removing surplus excavated material off site and backfilling.                                                                   | no      | 19.13  |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.5  | Concrete grade 25 as specified in foundations each exceeding 0.07cu m and not exceeding 0.15cu m including all necessary formwork, excavation, removing surplus excavated material off site and backfilling.                                            | no      | 42.08  |
| Con.6  | Concrete grade 30 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, ramp, engine beds, etc. irrespective of sizes or thickness, including working around rod or fabric reinforcement, steel beams, stanchions etc. | cu<br>m | 248.63 |
| Con.7  | Concrete grade 35 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness, including working around rod or fabric reinforcement, steel beams, stanchions etc.                    | cu<br>m | 258.19 |
| Con.8  | Concrete grade 40 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness, including working around rod or fabric reinforcement, steel beams, stanchions etc.                    | cu<br>m | 277.31 |
| Con.9  | Extra over labour for trowelling top surface of concrete to a smooth finish and finished to falls and currents or cambers including additional cement required.                                                                                         | sq<br>m | 3.19   |
| Con.10 | Extra over labour for trowelling top surface of concrete to a rough finish and finished to falls and currents or cambers including additional cement required.                                                                                          | sq<br>m | 2.55   |
| Con.11 | Ready-mix concrete, grade 10 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness including working around rod or fabric reinforcement, steel beams, stanchions etc.          | cu<br>m | 172.13 |
| Con.12 | Ready-mix concrete, grade 20 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness including working around rod or fabric reinforcement, steel beams, stanchions etc.          | cu<br>m | 191.25 |
| Con.13 | Ready-mix concrete, grade 25 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness including working around rod or fabric reinforcement, steel beams, stanchions etc.          | cu<br>m | 200.81 |

| Con.14 | Ready-mix concrete, grade 30 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness including working around rod or fabric reinforcement, steel beams, stanchions etc.                                                                                                                                                                                                                                                           | cu<br>m | 210.38 |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.15 | Ready-mix concrete, grade 35 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness including working around rod or fabric reinforcement, steel beams, stanchions etc.                                                                                                                                                                                                                                                           | cu<br>m | 219.94 |
| Con.16 | Ready-mix concrete, grade 40 as specified in foundations, beds, slabs, beams, columns, staircases, retaining walls, etc. irrespective of sizes or thickness including working around rod or fabric reinforcement, steel beams, stanchions etc.                                                                                                                                                                                                                                                           | cu<br>m | 229.5  |
| Con.17 | Waterproofed concrete complying with BS 8110 with approved waterproofing compound G30.                                                                                                                                                                                                                                                                                                                                                                                                                   | cu<br>m | 223.13 |
| Con.18 | Waterproofed concrete complying with BS 8110 with approved waterproofing compound G35.                                                                                                                                                                                                                                                                                                                                                                                                                   | cu<br>m | 232.69 |
| Con.19 | Concrete (grade 20) in new surface water drain shall be 150 mm wide internally and not exceeding 150 mm deep to invert with 100 mm thick sides and semi-circular bottom, reinforced with approved fabric reinforcement, bottom, sides and top rendered with 15 mm thick cement and sand (1:3) including excavation, hardcore, removing surplus excavated material off site, formwork, laying to falls, bends, stopped ends, etc (note: for depth exceeding 300 mm deep the sides shall be 150 mm thick). | m       | 32.39  |
| Con.20 | Add for each additional stage of 25 mm depth to invert.                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m       | 2.21   |
| Con.21 | Concrete (grade 20) in new surface water drain shall be 225 mm wide internally and not exceeding 225 mm deep to invert with 100 mm thick sides and semi-circular bottom, reinforced with approved fabric reinforcement, bottom, sides and top rendered with 15 mm thick cement and sand (1:3) including excavation, hardcore, removing surplus excavated material off site, formwork, laying to falls, bends, stopped ends, etc (note: for depth exceeding 300 mm deep the sides shall be 150 mm thick). | m       | 43.35  |
| Con.22 | Add for each additional stage of 25 mm depth to invert.                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m       | 2.76   |
| Con.23 | Concrete (grade 20) in new surface water drain shall be 300 mm wide internally and not exceeding 225 mm deep to invert with 100 mm thick sides and semi-circular bottom, reinforced with approved fabric reinforcement, bottom, sides and top rendered with 15 mm thick cement and sand (1:3) including excavation, hardcore, removing surplus excavated                                                                                                                                                 | m       | 48.45  |

|        | material off site, formwork, laying to falls, bends, stopped ends, etc (note : for depth exceeding 300 mm deep the sides shall be 150 mm thick).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|
| Con.24 | Add for each additional stage of 25 mm depth to invert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | m | 3.32  |
| Con.25 | Concrete (grade 20) in surface water drain shall be 150 mm wide internally and not exceeding 150 mm deep to invert with 100 mm thick sides and semi-circular bottom, reinforced with approved fabric reinforcement, bottom, sides and top rendered with 15 mm thick cement and sand (1:3) including excavation, hardcore, removing surplus excavated material off site, formwork, laying to falls, bends, stopped ends, etc (note: for depth exceeding 300 mm deep the sides shall be 150 mm thick). But in replacement including hacking up existing and temporarily diverting drains as necessary and making good (note: for depth exceeding 300 mm deep the sides should be 150 mm thick). | m | 36.64 |
| Con.26 | Add for each additional stage of 25 mm depth to invert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | m | 2.21  |
| Con.27 | Concrete (grade 20) in surface water drain shall be 225 mm wide internally and not exceeding 225 mm deep to invert with 100 mm thick sides and semi-circular bottom, reinforced with approved fabric reinforcement, bottom, sides and top rendered with 15 mm thick cement and sand (1:3) including excavation, hardcore, removing surplus excavated material off site, formwork, laying to falls, bends, stopped ends, etc (note: for depth exceeding 300 mm deep the sides shall be 150 mm thick). But in replacement including hacking up existing and temporarily diverting drains as necessary and making good (note: for depth exceeding 300 mm deep the sides should be 150 mm thick). | m | 47.6  |
| Con.28 | Precast concrete (grade 20) in new or existing work with all exposed faces finished fair, bedded, jointed and pointed in cement mortar (1:3) or with edges bedded and pointed in putty or mastic including making good, removing debris, all necessary moulds, transporting, handling and fixing in 50 mm thick slab for footpath, paving or apron slabs in suitable sizes.  Concrete (grade 20) in surface water drain shall be 300 mm wide                                                                                                                                                                                                                                                  | m | 2.76  |
| Con.29 | internally and not exceeding 225 mm deep to invert with 100 mm thick sides and semi-circular bottom, reinforced with approved fabric reinforcement, bottom, sides and top rendered with 15 mm thick cement and sand (1:3) including excavation, hardcore, removing surplus excavated material off site, formwork, laying to falls, bends, stopped ends, etc (note: for depth exceeding 300 mm deep the sides shall be 150 mm thick). But in replacement including hacking up existing and temporarily diverting drains as necessary and making good (note: for depth exceeding 300 mm deep the sides should be 150 mm thick).                                                                 | m | 52.7  |
| Con.30 | Add for each additional stage of 25 mm depth to invert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | m | 2.98  |

| Con.31 | Extra over surface water drain (any width) for forming cascade not exceeding 150 mm drop.                                                                                                                                                                                                                                                                                                                                                                          | no | 4.46  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.32 | Extra over surface water drain (any width) for forming cascade exceeding 150 mm but not exceeding 300 mm drop.                                                                                                                                                                                                                                                                                                                                                     | no | 5.87  |
| Con.33 | Hack up existing surface water drain and remove debris off site.                                                                                                                                                                                                                                                                                                                                                                                                   | m  | 5.48  |
| Con.34 | Cut out cracks in surface water channels or drains (any type & size) including removing silt and cutting grass on banks.                                                                                                                                                                                                                                                                                                                                           | m  | 5.1   |
| Con.35 | Form 100 mm wide scupper drain in existing concrete floor, made to correct line and falls and form rebate to receive grating if any, render invert and sides with 15 mm cement and sand (1:3) and including hacking existing concrete of similar grade to floor below scupper drain, making good surrounds, form-work and clearing debris off site.                                                                                                                | m  | 35.7  |
| Con.36 | Form 125 mm wide scupper drain in existing concrete floor, made to correct line and falls and form rebate to receive grating if any, render invert and sides with 15 mm cement and sand (1:3) and including hacking existing concrete of similar grade to floor below scupper drain, making good surrounds, form-work and clearing debris off site.                                                                                                                | m  | 36.98 |
| Con.37 | Form 150 mm wide scupper drain in existing concrete floor, made to correct line and falls and form rebate to receive grating if any, render invert and sides with 15 mm cement and sand (1:3) and including hacking existing concrete of similar grade to floor below scupper drain, making good surrounds, form-work and clearing debris off site.                                                                                                                | m  | 38.25 |
| Con.38 | Form 250 mm wide scupper drain in existing concrete floor, made to correct line and falls and form rebate to receive grating if any, render invert and sides with 15 mm cement and sand (1:3) and including hacking existing concrete of similar grade to floor below scupper drain, making good surrounds, form-work and clearing debris off site.                                                                                                                | m  | 43.35 |
| Con.39 | Concrete (Grade 25) in curbs etc. irrespective of size in new or existing work including hacking, formwork, angles, ends, intersections, jointing to existing and removing debris per 1,000 sq. mm sectional area. Rate is for every 1,000 sq. mm in sectional area eg.75 mm x 100 mm curb = 7,500 sq. mm in sectional area. Therefore rate is \$11.25 per lin. metre i.e.(7500 x 1.50)/1000.                                                                      | m  | 2.76  |
| Con.40 | Concrete (Grade 25) in curbs rendered on both sides and top with 15 mm cement and sand rendering, (irrespective of size) in new or existing work including hacking, formwork, angles, ends, intersections, jointing to existing and removing debris per 1,000 sq mm in sectional area. Rate is for every 1,000 sq. mm in sectional area eg. 75 mm x 100 mm curb = 7,500 sq. mm in sectional area. Therefore rate is \$15.00 per lin. metre ie. (7500 x 2.00)/1000. | m  | 4.42  |

| Con.41 | Precast concrete (grade 20) in new or existing work with all exposed faces finished fair, bedded, jointed and pointed in cement mortar (1:3) or with edges bedded and pointed in putty or mastic including making good, removing debris, all necessary moulds, transporting, handling and fixing in posts, bollards, blocks, lintels, copings, cills, steps, strings, railings etc. irrespective of size including all temporary support and hoisting up to 3 m above ground level.                                                                                    | cu<br>m | 841.5 |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| Con.42 | Extra over above for each additional 1.50 m of hoisting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | cu<br>m | 25.5  |
| Con.43 | Precast concrete (grade 20) in new or existing work with all exposed faces finished fair, bedded, jointed and pointed in cement mortar (1:3) or with edges bedded and pointed in putty or mastic including making good, removing debris, all necessary moulds, transporting, handling and fixing in 60 mm thick louvered vents including spacer block.                                                                                                                                                                                                                 | sq<br>m | 244.8 |
| Con.44 | Precast concrete (grade 20) in new or existing work with all exposed faces finished fair, bedded, jointed and pointed in cement mortar (1:3) or with edges bedded and pointed in putty or mastic including making good, removing debris, all necessary moulds, transporting, handling and fixing in 50mm thick slabs over drains, sumps, septic tanks, etc complete with recesses, rebates, grooves, holes, hand-holds, mild steel flush lifting rings, etc. and reinforced with and including approved fabric reinforcement and top surface rendered smooth to falls. | sq<br>m | 32.59 |
| Con.45 | Add for each additional stage of 15 mm in thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sq<br>m | 6.38  |
| Con.46 | Deduct for each additional stage of 15 mm in thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sq<br>m | 6.38  |
| Con.47 | Precast concrete (grade 20) in new or existing work with all exposed faces finished fair, bedded, jointed and pointed in cement mortar (1:3) or with edges bedded and pointed in putty or mastic including making good, removing debris, all necessary moulds, transporting, handling and fixing in 50 mm thick slab for footpath, paving or apron slabs in suitable sizes.                                                                                                                                                                                            | sq<br>m | 53.55 |
| Con.48 | Add for each additional stage of 15 mm in thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sq<br>m | 4.46  |
| Con.49 | Deduct for each additional stage of 15 mm in thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sq<br>m | 4.46  |

| Con.50 | Supply and lay approved 120 mm thick precast concrete slabs, of any pattern laid to any pattern and fill all voids with top soil and turf including excavation and trimming to formation and removing surplus excavated materials off site (sand bed measured separately). | sq<br>m | 91.8  |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| Con.51 | Supply and lay approved 115 mm thick precast concrete slabs, of any pattern laid to any pattern and fill all voids with top soil and turf including excavation and trimming to formation and removing surplus excavated materials off site (sand bed measured separately). | sq<br>m | 84.15 |
| Con.52 | Supply and lay approved 100 mm thick precast concrete slabs, of any pattern laid to any pattern and fill all voids with top soil and turf including excavation and trimming to formation and removing surplus excavated materials off site (sand bed measured separately). | sq<br>m | 73.44 |
| Con.53 | Supply and lay approved 75 mm thick precast concrete slabs, of any pattern laid to any pattern and fill all voids with top soil and turf including excavation and trimming to formation and removing surplus excavated materials off site (sand bed measured separately).  | sq<br>m | 64.26 |
| Con.54 | Supply and lay approved 65 mm thick precast concrete slabs, of any pattern laid to any pattern and fill all voids with top soil and turf including excavation and trimming to formation and removing surplus excavated materials off site (sand bed measured separately).  | sq<br>m | 55.08 |
| Con.55 | Select from stack and lay aeration precast concrete slab including filling all voids with top soil and turf, excavating to formation, trimming and removing surplus excavated material off site.                                                                           | sq<br>m | 3.49  |
| Con.56 | Take out existing precast slab and remove off site.                                                                                                                                                                                                                        | sq<br>m | 2.47  |
| Con.57 | Take out existing precast slab, stack up for re-use and remove damaged pieces off site.                                                                                                                                                                                    | sq<br>m | 2.93  |
| Con.58 | Select from stack and lay only precast slab including jointing in cement mortar(1:3) (new slabs measured separately).                                                                                                                                                      | sq<br>m | 4.25  |
| Con.59 | Hack out damaged pointing and repoint in cement mortar to existing precast slabs and pavements not exceeding 63 mm thick irrespective of widths of gaps between slabs and pavements.                                                                                       | m       | 3.19  |

|        |                                                                                                                                                                                                                                                                                                                                                 | _ | _      |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|
| Con.60 | Type C1, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m | 12.24  |
| Con.61 | Type C2, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m | 22.95  |
| Con.62 | Type C3, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m | 29.07  |
| Con.63 | Type C6, Composite precast concrete (Grade 20) channel drain as per drawing shown inAppendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.   | m | 41.31  |
| Con.64 | Type C7, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m | 53.55  |
| Con.65 | Type C7A, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc. | m | 50.49  |
| Con.66 | Type C8A, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc. | m | 116.28 |
| Con.67 | Type C8B, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc. | m | 122.4  |
| Con.68 | Type C4, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 5 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m | 24.48  |
| Con.69 | Type C5, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 5 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m | 29.07  |

| Con.70 | Type C7B, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc. | m  | 44.37  |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.71 | Type B1, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m  | 47.43  |
| Con.72 | Type B2, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m  | 53.55  |
| Con.73 | Type B3, Composite precast concrete (Grade 20) channel drain as per drawing shown in Appendix 4 laid to falls as directed on and including 75 mm thick sand bed, with joints grouted in cement mortar (1:3) not more than 20 mm thick including all necessary excavation, trimming, disposal of surplus excavated materials, backfilling, etc.  | m  | 130.05 |
| Con.74 | Type S1 scupper drain and pipe laid to even falls and jointed in cement and sand (1:3) mortar.                                                                                                                                                                                                                                                  | m  | 35.36  |
| Con.75 | Scupper drain and 230 mm diameter concrete pipe laid to even falls and jointed in cement and sand (1:3) mortar.                                                                                                                                                                                                                                 | m  | 36.72  |
| Con.76 | Scupper drain and 300 mm diameter concrete pipe laid to even falls and jointed in cement and sand (1:3) mortar.                                                                                                                                                                                                                                 | m  | 45.9   |
| Con.77 | Scupper drain and 250 mm diameter class AW" heavy duty PVC pipe laid to even falls and "jointed in cement and sand (1:3) mortar.                                                                                                                                                                                                                | m  | 73.44  |
| Con.78 | Take out precast concrete surface water channel (any width and type), trim earth to fall, remove debris off site; join up with cement mortar and temporarily divert drains as necessary and make good (rate not inclusive of new sand bed & channels).                                                                                          | m  | 6.38   |
| Con.79 | Extra over precast concrete surface water channel (any width) for forming cascade not exceeding 150 mm drop.                                                                                                                                                                                                                                    | no | 5.74   |

| Ī      |                                                                                                                                                                                                                                                                                                                                | I  | ı     |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.80 | Extra over precast concrete surface water channel (any width) for forming cascade exceeding 150 mm but not exceeding 300 mm drop.                                                                                                                                                                                              | no | 11.48 |
| Con.81 | Precast concrete(grade 20) of 125 mm x 300 mm size Type K7/K7A in roadside kerbs and dividers as shown in the appendix 6 & 7 herein including all necessary excavation, removal of surplus excavated material, backfilling, laying, bedding, jointing and pointing in cement mortar (1:3) (concrete base measured separately). | m  | 20.96 |
| Con.82 | Precast concrete(grade 20) of 150 mm x 300 mm size Type D2 in roadside kerbs and dividers as shown in the appendix 6 & 7 herein including all necessary excavation, removal of surplus excavated material, backfilling, laying, bedding, jointing and pointing in cement mortar (1:3) (concrete base measured separately).     | m  | 20.5  |
| Con.83 | Precast concrete(grade 20) of 200 mm x 380 mm size Type D4 in roadside kerbs and dividers as shown in the appendix 6 & 7 herein including all necessary excavation, removal of surplus excavated material, backfilling, laying, bedding, jointing and pointing in cement mortar (1:3) (concrete base measured separately).     | m  | 36.57 |
| Con.84 | Extra over for 125 mm x 300 mm x 900 mm long kerb with scupper mouth.                                                                                                                                                                                                                                                          | no | 2.04  |
| Con.85 | Take out and stack on site for reuse precast concrete kerbs (any size) and remove debris off site.                                                                                                                                                                                                                             | m  | 4.21  |
| Con.86 | Select from stack, lay and join divider/kerb in cement and sand (1:3) mortar.                                                                                                                                                                                                                                                  | m  | 5.74  |
| Con.87 | Take out existing precast concrete kerbs & remove off site.                                                                                                                                                                                                                                                                    | m  | 3.19  |
| Con.88 | Precast concrete (Grade 20) lintel finished fair on all exposed surfaces, Size 115 x 150 mm high and reinforced with one 10 mm diameter mild steel bar.                                                                                                                                                                        | m  | 16.68 |
| Con.89 | Precast concrete (Grade 20) lintel finished fair on all exposed surfaces, Size 115 x 225 mm high and reinforced with one 13 mm diameter mild steel bar.                                                                                                                                                                        | m  | 21.42 |

| Con.90 | Precast concrete (Grade 20) lintel finished fair on all exposed surfaces, Size 225 x 150 mm high and reinforced with two 10 mm diameter mild steel bar.                                       | m       | 26.01 |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| Con.91 | Precast concrete (Grade 20) lintel finished fair on all exposed surfaces, Size 225 x 225 mm high and reinforced with two 13 mm diameter mild steel bar.                                       | m       | 31.98 |
| Con.92 | Timber formwork to plane surface in-situ concrete including strutting not exceeding 3.50m high.                                                                                               | sq<br>m | 34.43 |
| Con.93 | Timber formwork to curved surface in-situ concrete including strutting not exceeding 3.50m high.                                                                                              | sq<br>m | 38.25 |
| Con.94 | Timber formwork to plane surface to produce true and even concrete face in-situ concrete including strutting not exceeding 3.50m high.                                                        | sq<br>m | 35.7  |
| Con.95 | Timber formwork to curved surface to produce true and even concrete face in-situ concrete including strutting not exceeding 3.50m high.                                                       | sq<br>m | 42.08 |
| Con.96 | Extra over formwork for strutting exceeding 3.50 m high for each 1.50 m high.                                                                                                                 | sq<br>m | 3.83  |
| Con.97 | 6 mm to 16 mm diameter mild steel rods in foundations, beams, slabs, stairs, canopies, etc including all labour forming stirup, links, spacer blocks etc to comply with SS18.                 | kg      | 1.91  |
| Con.98 | Over 16 mm diameter mild steel rods in foundations, beams, slabs, stairs, canopies, etc including all labour forming stirup, links, spacer blocks etc to comply with SS18.                    | kg      | 1.79  |
| Con.99 | 9 mm to 16 mm diameter deformed high tensile steel rod in foundations, beams, slabs, stairs, canopies, etc including all labour forming stirups, links, spacer blocks etc to comply with SS2. | kg      | 1.91  |

| Con.100 | 20 mm to 25 mm diameter deformed high tensile steel rod in foundations, beams, slabs, stairs, canopies, etc including all labour forming stirups, links, spacer blocks etc to comply with SS2. | kg      | 1.79  |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| Con.101 | Over 28 mm diameter deformed high tensile steel rod in foundations, beams, slabs, stairs, canopies, etc including all labour forming stirups, links, spacer blocks etc to comply with SS2.     | kg      | 1.91  |
| Con.102 | 200 x 200 mm x 1.54 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type A5).                                                                              | sq<br>m | 3.57  |
| Con.103 | 200 x 200 mm x 2.22 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type A6).                                                                              | sq<br>m | 6.12  |
| Con.104 | 200 x 200 mm x 3.02 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type A7).                                                                              | sq<br>m | 6.38  |
| Con.105 | 200 x 200 mm x 3.95 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type A8).                                                                              | sq<br>m | 7.65  |
| Con.106 | 200 x 200 mm x 4.99 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type A9).                                                                              | sq<br>m | 10.2  |
| Con.107 | 200 x 200 mm x 6.16 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type A10).                                                                             | sq<br>m | 11.48 |
| Con.108 | 100 x 400 mm x 2.61 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C6).                                                                              | sq<br>m | 6.38  |
| Con.109 | 100 x 400 mm x 3.41 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C7).                                                                              | sq<br>m | 7.78  |

| Con.110 | 100 x 400 mm x 4.34 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C8).  | sq<br>m | 8.93  |
|---------|--------------------------------------------------------------------------------------------------------------------|---------|-------|
| Con.111 | 100 x 400 mm x 5.55 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C9).  | sq<br>m | 10.84 |
| Con.112 | 100 x 400 mm x 6.72 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C10). | sq<br>m | 12.75 |
| Con.113 | 100 x 400 mm x 8.44 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C11). | sq<br>m | 15.3  |
| Con.114 | 100 x 400 mm x 9.87 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type C12). | sq<br>m | 17.85 |
| Con.115 | 100 x 200 mm x 3.05 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B5).  | sq<br>m | 7.01  |
| Con.116 | 100 x 200 mm x 3.73 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B6).  | sq<br>m | 7.65  |
| Con.117 | 100 x 200 mm x 4.53 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B7).  | sq<br>m | 8.67  |
| Con.118 | 100 x 200 mm x 5.93 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B8).  | sq<br>m | 11.09 |
| Con.119 | 100 x 200 mm x 6.97 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B9).  | sq<br>m | 12.75 |

| Con.120 | 100 x 200 mm x 8.14 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B10).                                                                                                                                                                                                                                                                                                                                                                              | sq<br>m | 15.3   |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.121 | 100 x 200 mm x 9.43 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B11).                                                                                                                                                                                                                                                                                                                                                                              | sq<br>m | 17.34  |
| Con.122 | 100 x 200 mm x 10.90 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type B12).                                                                                                                                                                                                                                                                                                                                                                             | sq<br>m | 20.66  |
| Con.123 | 100 x 100 mm x 4.44 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type D6).                                                                                                                                                                                                                                                                                                                                                                               | sq<br>m | 8.93   |
| Con.124 | 100 x 100 mm x 6.04 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type D7).                                                                                                                                                                                                                                                                                                                                                                               | sq<br>m | 11.48  |
| Con.125 | 100 x 100 mm x 7.90 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type D8).                                                                                                                                                                                                                                                                                                                                                                               | sq<br>m | 14.41  |
| Con.126 | 100 x 100 mm x 9.98 kg/sq m approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type D9).                                                                                                                                                                                                                                                                                                                                                                               | sq<br>m | 18.23  |
| Con.127 | $100 \times 100 \text{ mm} \times 12.32 \text{ kg/sq m}$ approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type D10).                                                                                                                                                                                                                                                                                                                                                 | sq<br>m | 22.44  |
| Con.128 | $100 \times 100 \text{ mm} \times 14.91 \text{ kg/sq m}$ approved fabric reinforcement to SS 32:1986 well lapped and tied at joints (Type D11).                                                                                                                                                                                                                                                                                                                                                 | sq<br>m | 26.78  |
| Con.129 | Mass or lightly reinforced (i.e. one layer of mesh reinforcement) concrete work such as slabs, aprons, steps, cooking bases, curbs etc. removing debris off site and making good works disturbed to match with existing OR breaking up the concrete into smaller pieces to form hardcore bed, cutting and removing reinforcement where necessary, providing sand, granite dust top blinding, leveling and mechanically consolidating, removing debris off site and making good works disturbed. | cu<br>m | 140.25 |

| Con.130 | Break up reinforced concrete columns, suspended beams, slabs and canopies, etc. including cutting reinforcement and removing debris off site and making good works disturbed to match with existing.     | cu<br>m | 165.75 |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.131 | Cutting of concrete pavement using powered diamond cutter to achieve a straight edge up to 150 mm deep.                                                                                                  | m       | 7.65   |
| Con.132 | Cut through reinforced concrete floors or walls (any thickness) to form opening not exceeding 0.02cu m including making good, cutting reinforcement and removing debris off site.                        | no      | 10.2   |
| Con.133 | Cut through reinforced concrete floors or walls (any thickness) to form opening exceeding 0.02cu m and not exceeding 0.05cu m including making good, cutting reinforcement and removing debris off site. | no      | 20.4   |
| Con.134 | Cut through reinforced concrete floors or walls (any thickness) to form opening exceeding 0.05cu m and not exceeding 0.10cu m including making good, cutting reinforcement and removing debris off site. | no      | 38.25  |
| Con.135 | Cut through reinforced concrete floors or walls (any thickness) to form opening exceeding 0.10cu m and not exceeding 0.20cu m including making good, cutting reinforcement and removing debris off site. | no      | 57.38  |
| Con.136 | Cut through reinforced concrete floors or walls (any thickness) to form opening exceeding 0.20cu m including making good, cutting reinforcement and removing debris off site.                            | no      | 204    |
| Con.137 | Hot bitumen or mastic filling in 15 mm wide x 25 mm deep groove to form expansion joint and filling with weak cement mortar where necessary.                                                             | m       | 2.55   |
| Con.138 | Add for 15 mm in depth to form expansion joint.                                                                                                                                                          | m       | 0.51   |
| Con.139 | Deduct for 15 mm in depth to form expansion joint.                                                                                                                                                       | m       | 0.51   |

| Con.140 | Supply & apply polyurethane sealants 25 mm wide x 15 mm deep to joints including an expansion joint backing material.  | m | 17.47 |
|---------|------------------------------------------------------------------------------------------------------------------------|---|-------|
| Con.141 | Supply & apply polyurethane sealants 25 mm wide x 25 mm deep to joints including an expansion joint backing material.  | m | 28.56 |
| Con.142 | Supply & apply polyurethane sealants 50 mm wide x 25 mm deep to joints including an expansion joint backing material.  | m | 54.7  |
| Con.143 | Supply & apply polyurethane sealants 100 mm wide x 15 mm deep to joints including an expansion joint backing material. | m | 66.94 |
| Con.144 | Supply and fix bitumen impregnated fibre board expansion joint filler to 10 mm thick x 75 mm high joints.              | m | 1.91  |
| Con.145 | Supply and fix bitumen impregnated fibre board expansion joint filler to 13 mm thick x 75 mm high joints.              | m | 2.04  |
| Con.146 | Supply and fix bitumen impregnated fibre board expansion joint filler to 20 mm thick x 75 mm high joints.              | m | 3.44  |
| Con.147 | Supply and fix bitumen impregnated fibre board expansion joint filler to 25 mm thick x 75 mm high joints.              | m | 3.83  |
| Con.148 | Add for every stage of 25mm in width for 10 mm thick                                                                   | m | 0.64  |
| Con.149 | Deduct for every stage of 25mm in width for 10 mm thick                                                                | m | 0.64  |

| Con.150 | Add for every stage of 25mm in width for 13 mm thick                                                                                          | m | 0.68  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|
| Con.151 | Deduct for every stage of 25mm in width for 13 mm thick                                                                                       | m | 0.68  |
| Con.152 | Add for every stage of 25mm in width for 20 mm thick                                                                                          | m | 1.15  |
| Con.153 | Deduct for every stage of 25mm in width for 20 mm thick                                                                                       | m | 1.15  |
| Con.154 | Add for every stage of 25mm in width for 25 mm thick                                                                                          | m | 1.28  |
| Con.155 | Deduct for every stage of 25mm in width for 25 mm thick                                                                                       | m | 1.28  |
| Con.156 | Supply and apply silicone sealants including 25 mm diameter polyurethane foam rod to 25 mm x 15 mm joints all to manufacturer's instructions. | m | 14.03 |
| Con.157 | Supply and apply silicone sealants including 25 mm diameter polyurethane foam rod to 25 mm x 25 mm joints all to manufacturer's instructions. | m | 22.95 |
| Con.158 | Supply and apply silicone sealants to 6 mm x 6 mm joints without foam rod all to manufacturer's instructions.                                 | m | 2.93  |
| Con.159 | Supply and apply silicone sealants to 8 mm x 8 mm joints without foam rod all to manufacturer's instructions.                                 | m | 5.87  |

| Con.160 | Supply and apply silicone sealants to 25 mm x 15 mm joints without foam rod all to manufacturer's instructions.                                                                        | m  | 8.42  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.161 | Supply and apply silicone sealants to 25 mm x 25 mm joints without foam rod all to manufacturer's instructions.                                                                        | m  | 12.75 |
| Con.162 | Remove existing filling in groove not exceeding 50 mm x 50 mm deep, clean & prepare to receive new work.                                                                               | m  | 1.66  |
| Con.163 | 10 mm diameter closed cell polyethylene foam in circular section cords as bond breaking strip fixed into joint.                                                                        | m  | 1.91  |
| Con.164 | 12 mm diameter closed cell polyethylene foam in circular section cords as bond breaking strip fixed into joint.                                                                        | m  | 2.55  |
| Con.165 | 15 mm diameter closed cell polyethylene foam in circular section cords as bond breaking strip fixed into joint.                                                                        | m  | 3.19  |
| Con.166 | 25 mm diameter closed cell polyethylene foam in circular section cords as bond breaking strip fixed into joint.                                                                        | m  | 3.57  |
| Con.167 | 6 mm diameter x 450 mm long mild steel bonding tie with one end cast into concrete and hooked around reinforcement and joints of brickwork including forming perforations in formwork. | no | 0.38  |
| Con.168 | Precast concrete Grade 20 heelstone 150 mm high to suit section of door frame and including 13 mm diameter mild steel dowel 100 mm long.                                               | no | 8.84  |
| Con.169 | Precast concrete Grade 25 heelstone 150 mm high to suit section of door frame and including 13 mm diameter mild steel dowel 100 mm long.                                               | no | 9.18  |

| Con.170 | Supply labour, materials, tools & equipments to construct heelstone to existing metal door frame with cement and sand to follow the prifile of existing frame including taking down existing door panel, cutting of existing metal frame and apply anti-rust paint to the cut portion, painting to existing metal door frame with one primer coat and two finishing coats, and all necessary reinstatement works. | no      | 48.88 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| Con.171 | Patch up opening for pipe/conduit not exceeding 100 mm diameter with water-proofed cement and sand mortar(1:3) in wall/floor not exceeding 225 mm thick including use of waterproof cement addictive and making good to match existing.                                                                                                                                                                           | no      | 9.78  |
| Con.172 | Patch up opening for pipe/conduit not exceeding 100 mm diameter with water-proofed cement and sand mortar(1:3) in wall/floor exceeding 225 mm thick including use of waterproof cement addictive and making good to match existing.                                                                                                                                                                               | no      | 13.43 |
| Con.173 | Patch up opening for pipe/conduit exceeding 100 mm diameter with water-proofed cement and sand mortar(1:3) in wall/floor not exceeding 225 mm thick including use of waterproof cement addictive and making good to match existing.                                                                                                                                                                               | no      | 11.05 |
| Con.174 | Patch up opening for pipe/conduit exceeding 100 mm diameter with water-proofed cement and sand mortar(1:3) in wall/floor exceeding 225 mm thick including use of waterproof cement addictive and making good to match existing.                                                                                                                                                                                   | no      | 20.23 |
| Con.175 | One layer of heavy duty (Basis weight:527 g/sq m ) approved building paper laid under concrete slab and lapped 150 mm at joints.(Measured net. No allowance made for laps.).                                                                                                                                                                                                                                      | sq<br>m | 6.72  |
| Con.176 | One layer of heavy duty (Basis weight:280 g/sq m) approved building paper laid under concrete slab and lapped 150 mm at joints. (Measured net. No allowance made for laps.).                                                                                                                                                                                                                                      | sq<br>m | 3.49  |
| Con.177 | Supply and fix 200 mm wide UPVC water stop embedded in concrete.                                                                                                                                                                                                                                                                                                                                                  | m       | 29.33 |
| Con.178 | Supply and fix 230 mm wide UPVC water stop embedded in concrete.                                                                                                                                                                                                                                                                                                                                                  | m       | 33.15 |
| Con.179 | Supply and fix 150 mm width Combiflex Hypalon sealing strip, 1.5 mm thick, including preparation of surface and adhesive, or equivalent to construction joints.                                                                                                                                                                                                                                                   | m       | 35.11 |

| Con.180 | Supply and fix 200 mm width Combiflex Hypalon sealing strip, 1.5 mm thick, including preparation of surface and adhesive, or equivalent to construction joints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m | 63.75  |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|
| Con.181 | Supply and fix 300 mm width Combiflex Hypalon sealing strip, 1.5 mm thick, including preparation of surface and adhesive, or equivalent to construction joints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m | 95.63  |
| Con.182 | Supply and fix 150 mm width Combiflex Hypalon sealing strip, 2.00 mm thick, including preparation of surface and adhesive or equivalent, to construction joints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m | 60.61  |
| Con.183 | Supply and fix 200 mm width Combiflex Hypalon sealing strip, 2.00 mm thick, including preparation of surface and adhesive or equivalent, to construction joints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m | 76.5   |
| Con.184 | Supply and fix 300 mm width Combiflex Hypalon sealing strip, 2.00 mm thick, including preparation of surface and adhesive or equivalent, to construction joints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m | 108.38 |
| Con.185 | Cut out crack to form V-shape groove (minimum 25 mm x 25 mm), clean and prepare surface and pressure grout the crack with approved grouting materials with sufficient adhesive, compressive and tensile strength including provision for mobilization, grout pipe, fine wiremesh, pressure grouting pump, tools, all accessories, scaffolding and hacking and making good plastered or tiled finishes if any. Apply two coats of water and weather resistant protective/decorative coating as carbonation barrier all in accordance to grouting specialist's recommendation. Non-shrink cementatious grouting, on concrete floor, columns, vertical side of beam and the like (minimum one (1) metre total length within the building and per call). | m | 63.75  |
| Con.186 | Cut out crack to form V-shape groove (minimum 25 mm x 25 mm), clean and prepare surface and pressure grout the crack with approved grouting materials with sufficient adhesive, compressive and tensile strength including provision for mobilization, grout pipe, fine wiremesh, pressure grouting pump, tools, all accessories, scaffolding and hacking and making good plastered or tiled finishes if any. Apply two coats of water and weather resistant protective/decorative coating as carbonation barrier all in accordance to grouting specialist's recommendation. Non-shrink cementatious grouting, in soffit of concrete slab, canopy, beam and the like (minimum one (1) metre total length within the building and per call).          | m | 76.5   |
| Con.187 | Cut out crack to form V-shape groove (minimum 25 mm x 25 mm), clean and prepare surface and pressure grout the crack with approved grouting materials with sufficient adhesive, compressive and tensile strength including provision for mobilization, grout pipe, fine wiremesh, pressure grouting pump, tools, all accessories, scaffolding and hacking and making good plastered or tiled finishes if any. Apply two coats of water and weather resistant protective/decorative coating as carbonation barrier all in accordance to grouting specialist's recommendation. Non-shrink                                                                                                                                                              | m | 51     |

|         | cementatious grouting, in brick structure (minimum one (1) metre total length within the building and per call).                                                                                                                                                                                                                                                                                                                                                                                                                  |         |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.188 | Flexin" resin grouting (minimum one (1) metre total length within the building and per call). "                                                                                                                                                                                                                                                                                                                                                                                                                                   | m       | 165.75 |
| Con.189 | Epoxy resin grouting on concrete floor, column, vertical side beam and the like (minimum one (1) metre total length within the building and per call).                                                                                                                                                                                                                                                                                                                                                                            | m       | 51     |
| Con.190 | Epoxy resin grouting in soffit of concrete slab, canopy, beam and the like (minimum one (1) metre total length within the building and per call).                                                                                                                                                                                                                                                                                                                                                                                 | m       | 63.75  |
| Con.191 | Epoxy resin grouting around floor trap, rainwater down pipe, water pipe for various sizes (rate is for maximum of two (2) groute points).                                                                                                                                                                                                                                                                                                                                                                                         | no      | 127.5  |
| Con.192 | Cut out crack to form v-shape groove (25 mm x 25 mm) and form undercut in soffit of concrete slab, canopy, beam and the like. Clean and prepare surface of groove by using compressed air or wire brush. Prime all surfaces with a bonding agent and patch up groove with approved nonshrink cementatious mortar including fine wire mesh if necessary and making good affected areas with materials to match existing (minimum two (2) metres total length within the building and per call).                                    | m       | 8.33   |
| Con.193 | Cut out crack to form v-shape groove (25 mm x 25 mm) and form undercut in vertical surfaces of concrete wall, columns, beams and the like. Clean and prepare surface of groove by using compressed air or wire brush. Prime all surfaces with a bonding agent and patch up groove with approved non-shrink cementatious mortar including fine wire mesh if necessary and making good affected areas with materials to match existing (minimum two (2) metres total length within the building and per call).                      | m       | 5.78   |
| Con.194 | Cut out crack to form v-shape groove (25 mm x 25 mm) and form undercut in brick structure. Clean and prepare surface of groove by using compressed air or wire brush. Prime all surfaces with a bonding agent and patch up groove with approved non-shrink cementatious mortar including fine wire mesh if necessary and making good affected areas with materials to match existing (minimum two (2) metres total length within the building and per call).  Thoroughly remove spalled or loose concrete in patches in soffit of | m       | 4.51   |
| Con.195 | concrete slab, canopy, beam and the like until good concrete is reached.  Thoroughly brush and clean all surfaces of concrete by using compressed air or chemicals. Prime all concrete surfaces with a bonding agent and patch up with approved non-shrink cementatious grout with sufficient adhesive, compressive and tensile strength including provisions for mobilization, grout pipe, fine wire mesh, pressure grouting pump, tools, all accessories, scaffolding and hacking and making good plaster or tiled              | sq<br>m | 229.5  |

|         | finishes if any. Apply two coats of water and weather resistant protective/decorative coating as carbonation barrier all in accordance to grouting specialist's recommendation. Thickness of spalled or loose concrete not exceeding 30 mm thick (minimum one (1)sq m within the building and per call).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |        |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.196 | Thoroughly remove spalled or loose concrete in patches in vertical surfaces of columns, walls and the like until good concrete is reached. Thoroughly brush and clean all surfaces of concrete by using compressed air or chemicals. Prime all concrete surfaces with a bonding agent and patch up with approved non-shrink cementatious grout with sufficient adhesive, compressive and tensile strength including provisions for mobilization, grout pipe, fine wire mesh, pressure grouting pump, tools, all accessories, scaffolding and hacking and making good plaster or tiled finishes if any. Apply two coats of water and weather resistant protective/decorative coating as carbonation barrier all in accordance to grouting specialist's recommendation. spalled or loose concrete not exceeding 30 mm thick (minimum one (1)sq m within the building and per call).                                                                                                                                                                                                                           | sq<br>m | 293.25 |
| Con.197 | Hack off spalled or loose concrete in patches until rusty reinforcement and good concrete is reached. Thoroughly brush rusty reinforcement to remove rust and scale, clean all surfaces of concrete and reinforcement by using wire brush and compressed air or chemicals. Prime all exposed reinforcement with approved rust and corrosion inhibitive primer. Apply a layer of approved bonding agent to concrete and reinforcement. Construct formwork props if necessary and patch up with approved grouting materials with sufficient adhesive, compressive and tensile strength including provision for mobilization, grout pipe, fine wire mesh, pressure grouting pump,tools, all accessories, scaffolding and hacking and making good plaster or tiled finishes if any, all in accordance to grouting specialist's recommendation. Remove formwork including props if any (minimum half (1/2)sq m within the complex and per call) inclusive of repair of all cracks by means of Flexin or equivalent injections. Non-shrink cementatious grouting in soffit of concrete slab, canopy, beam and the | sq<br>m | 561    |
| Con.198 | like.  Hack off spalled or loose concrete in patches until rusty reinforcement and good concrete is reached. Thoroughly brush rusty reinforcement to remove rust and scale, clean all surfaces of concrete and reinforcement by using wire brush and compressed air or chemicals. Prime allexposed reinforcement with approved rust and corrosion inhibitive primer. Apply a layer of approved bonding agent to concrete and reinforcement.  Construct formwork props if necessaryand patch up with approved grouting materials with sufficient adhesive, compressive and tensilestrength including provision for mobilization, grout pipe, fine wire mesh, pressure grouting pump,tools, all accessories, scaffolding and hacking and making good plaster or tiled finishes if any,all in accordance to grouting specialist's recommendation. Remove formwork including props if any (minimum half (1/2)sq m within the complex and per call) inclusive of repair of all cracks bymeans of Flexin or equivalent injections. Non-shrink cementatious grouting on concrete slab and in vertical              | sq<br>m | 382.5  |
| Con.199 | surfaces of column and the like.  Hack off spalled or loose concrete in patches until rusty reinforcement & good concrete is reached. Thoroughly brush rusty reinforcement to remove rust and scale, clean all surfaces of concrete & reinforcement by using wire brush & compressed air or chemicals. Prime exposed reinforcement with approved rust & corrosion inhibitive primer. Apply a layer of approved bonding agent to concrete & reinforcement. Construct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | sq<br>m | 1020   |

|         | formwork props & patch up with approved grouting materials with sufficient adhesive, compressive & tensile strength including provision for mobilization, grout pipe, fine wire mesh, pressure grouting pump, tools, all accessories, scaffolding & hacking & making good plaster or tiled finishes, accordance to grouting specialist's recommendation. Remove formwork including props (minimum half (1/2)sq m within complex & per call) inclusive of repair of all cracks by means of Flexin or equivalent injections. Epoxy resin grouting in soffit of concrete slabs, canopy, beam & the like.  Hack off spalled or loose concrete in patches until rusty reinforcement and good concrete is reached. Thoroughly brush rusty reinforcement to remove rust and scale, clean all surfaces of concrete and reinforcement by using wire brush and compressed air or chemicals. Prime all exposed reinforcement with approved rust and corrosion inhibitive primer. Apply a |         |        |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Con.200 | layer of approved bonding agent to concrete and reinforcement.  Construct formwork props if necessary and patch up with approved grouting materials with sufficient adhesive, compressive and tensile strength including provision for mobilization, grout pipe, fine wire mesh, pressure grouting pump, tools, all accessories, scaffolding and hacking and making good plaster or tiled finishes if any, all in accordance to grouting specialist's recommendation. Remove formwork including props if any (minimum half (1/2)sq m within the complex and per call) inclusive of repair of all cracks by means of Flexin or equivalent injections. Epoxy resin grouting on concrete slab and in vertical surfaces of column and the like. Hack off spalled or loose concrete in patches until rusty reinforcement and good concrete is reached. Thoroughly brush rusty reinforcement to                                                                                     | sq<br>m | 663    |
| Con.201 | remove rust and scale, clean all surfaces of concrete and reinforcement by using wire brush and compressed air or surfaces of concrete and reinforcement by using wire brush and compressed air or chemicals. Prime all exposed reinforcement with approved rust and corrosion inhibitive primer. Apply a layer of approved bonding agent to concrete and reinforcement and patch up with approved non-shrink cementatious mortar to soffit of concrete slab or beam, including fine wire mesh, making good affected surfaces with matching materials, formwork, props, etc. all in accordance to manufacturer's instructions. Thickness spalled or loose concrete not exceeding 30 mm thick (minimum one (1)sq m within the building and per call).                                                                                                                                                                                                                          | sq<br>m | 280.5  |
| Con.202 | Hack off spalled or loose concrete in patches until rusty reinforcement and good concrete is reached. Thoroughly brush rusty reinforcement to remove rust and scale, clean all surfaces of concrete and reinforcement by using wire brush and compressed air or surfaces of concrete and reinforcement by using wire brush and compressed air or chemicals. Prime all exposed reinforcement with approved rust and corrosion inhibitive primer. Apply a layer of approved bonding agent to concrete and reinforcement and patch up with approved non-shrink cementatious mortar to soffit of concrete slab or beam, including fine wire mesh, making good affected surfaces with matching materials, formwork, props, etc. all in accordance to manufacturer's instructions. Thickness spalled or loose concrete not exceeding 30 mm thick in vertical surfaces of walls, column and the like (minimum one (1)sq m within the building and per call).                         | sq<br>m | 249.05 |
| Con.203 | Break up damaged half-round precast drain channels and relay 150 mm diameter new channels in cement mortar (1:3) to falls including making good sides of channels and removing debris to ENV's dumping ground.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | m       | 12.75  |

| Ĺ       |                                                                                                                                                                                                                                                                                                   |   | 1 1   |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|
| Con.204 | Break up damaged half-round precast drain channels and relay 225 mm diameter new channels in cement mortar (1:3) to falls including making good sides of channels and removing debris to ENV's dumping ground.                                                                                    | m | 14.03 |
| Con.205 | Break up damaged half-round precast drain channels and relay 300 mm diameter new channels in cement mortar (1:3) to falls including making good sides of channels and removing debris to ENV's dumping ground.                                                                                    | m | 16.58 |
| Con.206 | Labour and material re-rendering exposed surfaces of existing 150 mm to 300 mm wide concrete surface water channel of any depth and bottom finished to falls.                                                                                                                                     | m | 10.71 |
| Con.207 | Repair to 150 mm to 300 mm wide concrete surface water channel of any depth including breaking damaged or cracked portions and/ or patching up with concrete to match existing and re-rendering drains to proper falls in cement and sand mortar (1:3) and removing debris to ENV dumping ground. | m | 30.6  |
| Con.208 | Take out, regrade, relay and repoint inverts of precast drains not exceeding 300 mm internal widths (new inverts measured separately) (Length of drain measured).                                                                                                                                 | m | 5.48  |
| Con.209 | Take out, regrade, relay and repoint inverts of precast drains exceeding 300 mm and not exceeding 450 mm width (new inverts measured separately) (Length of drain measured).                                                                                                                      | m | 6.12  |
| Con.210 | Hack up and regrade inverts, sides and tops of in-situ drains not exceeding 300 mm internal widths (length of drain measured).                                                                                                                                                                    | m | 5.1   |
| Con.211 | Hack up and regrade inverts, sides and tops of in-situ drains exceeding 300 mm and not exceeding 450 mm width (length of drain measured).                                                                                                                                                         | m | 6.38  |
| Con.212 | Cut rebate not exceeding 75 mm wide x 75 mm deep in concrete and render with 15 mm thick cement mortar (1:3).                                                                                                                                                                                     | m | 4.34  |
| Con.213 | Cut groove not exceeding 75 mm wide x 75 mm deep in concrete and render with 15 mm thick cement mortar (1:3).                                                                                                                                                                                     | m | 4.85  |

| Con.214 | Cut out crack to form V-groove in masonry work including cleaning out cut surfaces.                                                                                                                                                                                                  | m  | 2.55  |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.215 | Cut out cracks in concrete floor, beams, columns, etc. to a width of at least 15 mm form undercut edges, render with cement mortar (1:3) to match existing and remove debris off site.                                                                                               | m  | 3.19  |
| Con.216 | Supply and fix calibrated "tell-tale" glass to existing cracks on plastered walls, etc.                                                                                                                                                                                              | no | 63.75 |
| Con.217 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 32.3  |
| Con.218 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 40.8  |
| Con.219 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 45.05 |
| Con.220 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 54.4  |
| Con.221 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 57.8  |
| Con.222 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 68    |
| Con.223 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 69.7  |

| Con.224 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 82.45 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.225 | Coring to brickwork or reinforced concrete wall or slab of dia 25mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 85    |
| Con.226 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 34.85 |
| Con.227 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 36.98 |
| Con.228 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 46.75 |
| Con.229 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 49.3  |
| Con.230 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 200mm shall                                                                                                                                                                                               | no | 58.65 |
| Con.231 | be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.                                                                                               |    | 0     |
| Con.232 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 59.5  |
| Con.233 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 250mm shall                                                                                                                                                                                               | no | 65.45 |

| Con.234 | be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.                                                                                               |    | 0     |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.235 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 69.7  |
| Con.236 | Coring to brickwork or reinforced concrete wall or slab of dia 50mm - 52mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 88.4  |
| Con.237 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 36.98 |
| Con.238 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 42.5  |
| Con.239 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 47.6  |
| Con.240 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 52.7  |
| Con.241 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 59.5  |
| Con.242 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 65.45 |
| Con.243 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 70.55 |

| _       |                                                                                                                                                                                                                                                                                             | _  |       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.244 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 75.65 |
| Con.245 | Coring to brickwork or reinforced concrete wall or slab of dia 65mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 88.4  |
| Con.246 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 46.75 |
| Con.247 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 47.6  |
| Con.248 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 59.5  |
| Con.249 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 62.05 |
| Con.250 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 74.8  |
| Con.251 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 77.35 |
| Con.252 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 90.1  |
| Con.253 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 91.46 |

|         |                                                                                                                                                                                                                                                                                                | _  |        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.254 | Coring to brickwork or reinforced concrete wall or slab of dia 75mm - 77mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.    | no | 104.55 |
| Con.255 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 59.5   |
| Con.256 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 64.26  |
| Con.257 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 75.74  |
| Con.258 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 78.2   |
| Con.259 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 90.95  |
| Con.260 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 225mm shall be at the rate s stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 91.8   |
| Con.261 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 104.55 |
| Con.262 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 107.1  |
| Con.263 | Coring to brickwork or reinforced concrete wall or slab of dia 100mm - 108mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.  | no | 121.55 |

| Con.264 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 76.5   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.265 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 82.45  |
| Con.266 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 97.75  |
| Con.267 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 100.3  |
| Con.268 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 117.3  |
| Con.269 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 120.7  |
| Con.270 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 136.85 |
| Con.271 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 139.83 |
| Con.272 | Coring to brickwork or reinforced concrete wall or slab of dia 125mm - 132mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 156.4  |
| Con.273 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 90.1   |

|         |                                                                                                                                                                                                                                                                                               | _  |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.274 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 90.95  |
| Con.275 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 114.75 |
| Con.276 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 116.45 |
| Con.277 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 139.4  |
| Con.278 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 141.1  |
| Con.279 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 161.93 |
| Con.280 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 164.9  |
| Con.281 | Coring to brickwork or reinforced concrete wall or slab of dia 150mm - 152mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 185.3  |
| Con.282 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 120.7  |
| Con.283 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 121.55 |

| Con.284 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 150.45 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.285 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 151.3  |
| Con.286 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 180.2  |
| Con.287 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 181.05 |
| Con.288 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 209.1  |
| Con.289 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 210.8  |
| Con.290 | Coring to brickwork or reinforced concrete wall or slab of dia 175mm - 182mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 238    |
| Con.291 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 139.4  |
| Con.292 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 140.25 |
| Con.293 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 150mm                                                                                                                                                                                                     | no | 175.1  |

| i       |                                                                                                                                                                                                                                                                                               |    | Ī      |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.294 | shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.                                                                                           |    | 0      |
| Con.295 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor  | no | 176.8  |
| Con.296 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 228.65 |
| Con.297 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 232.05 |
| Con.298 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 248.2  |
| Con.299 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 249.9  |
| Con.300 | Coring to brickwork or reinforced concrete wall or slab of dia 200mm - 202mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 283.9  |
| Con.301 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 146.2  |
| Con.302 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 165.75 |
| Con.303 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 183.6  |

|         |                                                                                                                                                                                                                                                                                       | 1  |        |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.304 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 204    |
| Con.305 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 223.55 |
| Con.306 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 243.1  |
| Con.307 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 261.8  |
| Con.308 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 279.65 |
| Con.309 | Coring to brickwork or reinforced concrete wall or slab of dia 225mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 300.9  |
| Con.310 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 193.8  |
| Con.311 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 213.35 |
| Con.312 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 233.75 |
| Con.313 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 255    |

| _       |                                                                                                                                                                                                                                                                                       | _  |        |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.314 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 272.85 |
| Con.315 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 292.4  |
| Con.316 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 311.1  |
| Con.317 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 491.3  |
| Con.318 | Coring to brickwork or reinforced concrete wall or slab of dia 250mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 493    |
| Con.319 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 216.75 |
| Con.320 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 233.75 |
| Con.321 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 251.6  |
| Con.322 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 269.45 |
| Con.323 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 287.3  |

| Con.324 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 304.3  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.325 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 503.2  |
| Con.326 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 504.9  |
| Con.327 | Coring to brickwork or reinforced concrete wall or slab of dia 275mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 357    |
| Con.328 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 238    |
| Con.329 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 262.65 |
| Con.330 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 287.3  |
| Con.331 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 311.95 |
| Con.332 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 336.6  |
| Con.333 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 361.25 |

| Con.334 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 385.05 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.335 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 409.7  |
| Con.336 | Coring to brickwork or reinforced concrete wall or slab of dia 300mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 520.2  |
| Con.337 | Coring to RC retaining wall, column or beam of dia 25mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 35.7   |
| Con.338 | Coring to RC retaining wall, column or beam of dia 25mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 45.05  |
| Con.339 | Coring to RC retaining wall, column or beam of dia 25mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 50.15  |
| Con.340 | Coring to RC retaining wall, column or beam of dia 25mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 60.35  |
| Con.341 | Coring to RC retaining wall, column or beam of dia 25mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 63.75  |
| Con.342 | Coring to RC retaining wall, column or beam of dia 25mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 75.65  |
| Con.343 | Coring to RC retaining wall, column or beam of dia 25mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.              | no | 76.5   |

| _       | _                                                                                                                                                                                                                                                                               | _  |       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.344 | Coring to RC retaining wall, column or beam of dia 25mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 90.95 |
| Con.345 | Coring to RC retaining wall, column or beam of dia 25mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 94.35 |
| Con.346 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 39.1  |
| Con.347 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 40.8  |
| Con.348 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 51    |
| Con.349 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 54.4  |
| Con.350 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 64.6  |
| Con.351 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 65.45 |
| Con.352 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 71.4  |
| Con.353 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 77.35 |

| _       | _                                                                                                                                                                                                                                                                               | _  |       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Con.354 | Coring to RC retaining wall, column or beam of dia 50mm - 52mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 97.75 |
| Con.355 | Coring to RC retaining wall, column or beam of dia 65mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 40.8  |
| Con.356 | Coring to RC retaining wall, column or beam of dia 65mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 46.75 |
| Con.357 | Coring to RC retaining wall, column or beam of dia 65mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 52.7  |
| Con.358 | Coring to RC retaining wall, column or beam of dia 65mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 57.8  |
| Con.359 | Coring to RC retaining wall, column or beam of dia 65mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 65.45 |
| Con.360 | Coring to RC retaining wall, column or beam of dia 65mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 71.4  |
| Con.361 | Coring to RC retaining wall, column or beam of dia 65mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 77.35 |
| Con.362 | Coring to RC retaining wall, column or beam of dia 65mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 83.3  |
| Con.363 | Coring to RC retaining wall, column or beam of dia 65mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.        | no | 97.75 |

| _       |                                                                                                                                                                                                                                                                                   | _  |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.364 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 51     |
| Con.365 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 52.7   |
| Con.366 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 65.45  |
| Con.367 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 68     |
| Con.368 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 82.45  |
| Con.369 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 85     |
| Con.370 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 98.6   |
| Con.371 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 101.15 |
| Con.372 | Coring to RC retaining wall, column or beam of dia 75mm - 77mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.   | no | 114.75 |
| Con.373 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 65.45  |

| Con.374 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 70.55  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.375 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 83.3   |
| Con.376 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 85.85  |
| Con.377 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 101.15 |
| Con.378 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 102    |
| Con.379 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 114.75 |
| Con.380 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 118.15 |
| Con.381 | Coring to RC retaining wall, column or beam of dia 100mm - 108mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 134.3  |
| Con.382 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 84.15  |
| Con.383 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 90.95  |

|         |                                                                                                                                                                                                                                                                                   | _  |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.384 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 107.1  |
| Con.385 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 110.5  |
| Con.386 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 130.05 |
| Con.387 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 132.6  |
| Con.388 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 151.3  |
| Con.389 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 153.85 |
| Con.390 | Coring to RC retaining wall, column or beam of dia 125mm - 132mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 172.55 |
| Con.391 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 98.6   |
| Con.392 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 101.15 |
| Con.393 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 125.8  |

| _       |                                                                                                                                                                                                                                                                                   | _  |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.394 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 127.5  |
| Con.395 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 153    |
| Con.396 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 154.7  |
| Con.397 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 177.65 |
| Con.398 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 181.05 |
| Con.399 | Coring to RC retaining wall, column or beam of dia 150mm - 152mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 203.15 |
| Con.400 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 132.6  |
| Con.401 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 133.45 |
| Con.402 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 165.75 |
| Con.403 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 166.6  |

| _       |                                                                                                                                                                                                                                                                                   | _  |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.404 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 198.05 |
| Con.405 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 199.75 |
| Con.406 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 230.35 |
| Con.407 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 232.05 |
| Con.408 | Coring to RC retaining wall, column or beam of dia 175mm - 182mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 261.8  |
| Con.409 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 153    |
| Con.410 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 154.7  |
| Con.411 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 192.95 |
| Con.412 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 194.65 |
| Con.413 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 251.6  |

| _       |                                                                                                                                                                                                                                                                                   | _  |        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.414 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 255.85 |
| Con.415 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 272.85 |
| Con.416 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 274.55 |
| Con.417 | Coring to RC retaining wall, column or beam of dia 200mm - 202mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 312.8  |
| Con.418 | Coring to RC retaining wall, column or beam of dia 225mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 160.65 |
| Con.419 | Coring to RC retaining wall, column or beam of dia 225mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 181.9  |
| Con.420 | Coring to RC retaining wall, column or beam of dia 225mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 202.3  |
| Con.421 | Coring to RC retaining wall, column or beam of dia 225mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 224.4  |
| Con.422 | Coring to RC retaining wall, column or beam of dia 225mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 245.65 |
| Con.423 | Coring to RC retaining wall, column or beam of dia 225mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor.         | no | 266.9  |

| Con.424 | Coring to RC retaining wall, column or beam of dia 225mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 266.9  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.425 | Coring to RC retaining wall, column or beam of dia 225mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 307.7  |
| Con.426 | Coring to RC retaining wall, column or beam of dia 225mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 330.65 |
| Con.427 | Coring to RC retaining wall, column or beam of dia 250mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 213.35 |
| Con.428 | Coring to RC retaining wall, column or beam of dia 250mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 234.6  |
| Con.429 | Coring to RC retaining wall, column or beam of dia 250mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 257.55 |
| Con.430 | Coring to RC retaining wall, column or beam of dia 250mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 280.5  |
| Con.431 | Coring to RC retaining wall, column or beam of dia 250mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 300.05 |
| Con.432 | Coring to RC retaining wall, column or beam of dia 250mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 321.3  |
| Con.433 | Coring to RC retaining wall, column or beam of dia 250mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 342.55 |

| Con.434 | Coring to RC retaining wall, column or beam of dia 250mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 363.8  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.435 | Coring to RC retaining wall, column or beam of dia 250mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 385.05 |
| Con.436 | Coring to RC retaining wall, column or beam of dia 275mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 238    |
| Con.437 | Coring to RC retaining wall, column or beam of dia 275mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 257.55 |
| Con.438 | Coring to RC retaining wall, column or beam of dia 275mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 277.1  |
| Con.439 | Coring to RC retaining wall, column or beam of dia 275mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 296.65 |
| Con.440 | Coring to RC retaining wall, column or beam of dia 275mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 315.35 |
| Con.441 | Coring to RC retaining wall, column or beam of dia 275mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 334.9  |
| Con.442 | Coring to RC retaining wall, column or beam of dia 275mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 354.45 |
| Con.443 | Coring to RC retaining wall, column or beam of dia 275mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 374    |

| Con.444 | Coring to RC retaining wall, column or beam of dia 275mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 392.7  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|
| Con.445 | Coring to RC retaining wall, column or beam of dia 300mm, depth 100mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 261.8  |
| Con.446 | Coring to RC retaining wall, column or beam of dia 300mm, depth 125mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 288.15 |
| Con.447 | Coring to RC retaining wall, column or beam of dia 300mm, depth 150mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 315.35 |
| Con.448 | Coring to RC retaining wall, column or beam of dia 300mm, depth 175mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 342.55 |
| Con.449 | Coring to RC retaining wall, column or beam of dia 300mm, depth 200mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 369.75 |
| Con.450 | Coring to RC retaining wall, column or beam of dia 300mm, depth 225mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 396.95 |
| Con.451 | Coring to RC retaining wall, column or beam of dia 300mm, depth 250mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 424.15 |
| Con.452 | Coring to RC retaining wall, column or beam of dia 300mm, depth 275mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 451.35 |
| Con.453 | Coring to RC retaining wall, column or beam of dia 300mm, depth 300mm shall be at the rates stipulated. No mobilisation charge for total coring works value above \$300/ Rates above includes the provision of electricity, scaffolding & water supply etc by Contractor. | no | 480.25 |

| Con.454 | Add mobilisation charge for total coring works value below \$300/                                     | no      | 102    |
|---------|-------------------------------------------------------------------------------------------------------|---------|--------|
| Con.455 | 150 mm wide pvc water-stop embeded in concrete.                                                       | m       | 28.05  |
| Con.456 | 200 mm wide pvc water-stop embeded in concrete.                                                       | m       | 33.41  |
| Con.457 | 230 mmm wide pvc water-stop embeded in concrete                                                       | m       | 38.89  |
| Con.458 | 12 mm thick closed cell expanded polyethylene filler board to joint including all necessary formwork  | sq<br>m | 127.67 |
| Con.459 | 20 mm thick closed cell expanded polyethylene filler board to joint including all necessary formwork  | sq<br>m | 144.5  |
| Con.460 | 25 mm thick closed cell expanded polyethylene filler board to joint including all necessary formwork. | sq<br>m | 196.69 |
| Con.461 | Polysulphide sealer squeezed into 25 x 15 mm joint.                                                   | m       | 14.54  |
| Con.462 | Polysulphide sealer squeezed into 25 x 25 mm joint.                                                   | m       | 23.33  |
| Con.463 | Polysulphide sealer squeezed into 50 x 15 mm joint.                                                   | m       | 37.61  |

**BW-58** 

| Con.464 | Concrete (Grade 20) heelstone cast to suit section of door frame including one 100 x 13 mm diameter mild steel dowel and 150 mm high. | no | 10.71 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|---------|---------------------------------------------------------------------------------------------------------------------------------------|----|-------|

# 3. BRICKWORK

| S/No | Description                                                                                                                                 | Unit    | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|
| BW.1 | Brick-on-edge wall with brickwork in common bricks                                                                                          | sq<br>m | 22.36          |
| BW.2 | Half brick thick wall (102.5 mm thick) with brickwork in common bricks.                                                                     | sq<br>m | 32.3           |
| BW.3 | One brick wall (215 mm thick) with brickwork in common bricks.                                                                              | sq<br>m | 60.52          |
| BW.4 | Half brick thick built honeycomb in common bricks with joints raked out and pointed in tinted cement as the work proceeds.                  | sq<br>m | 29.33          |
| BW.5 | Extra over common brickwork for building fair face with joints raked out and pointed in tinted cement as the work proceeds (one side only). | sq<br>m | 4.42           |
| BW.6 | Extra over common brickwork for building for facing in first quality clay facing bricks (one side only).                                    | sq<br>m | 9.78           |
| BW.7 | Extra over common brickwork for building for facing in clinker facing bricks (one side only).                                               | sq<br>m | 25.5           |

| BW.8  | Extra over common brickwork for building for facing in sand face /perforated facing bricks or plainface perforated facing bricks (one side only).                                | sq<br>m | 11.22 |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| BW.9  | 90 mm thick brickwork in cement/sand/concrete bricks (15 mn/sq m).                                                                                                               | sq<br>m | 26.95 |
| BW.10 | 190 mm thick brickwork in cement/sand/concrete bricks (15 mn/sq m).                                                                                                              | sq<br>m | 49.9  |
| BW.11 | 290 mm thick brickwork in cement/sand/concrete bricks (15 mn/sq m).                                                                                                              | sq<br>m | 62.56 |
| BW.12 | Half brick thick (102.5 mm thick) engineering bricks.                                                                                                                            | sq<br>m | 50.32 |
| BW.13 | One brick thick (215 mm thick) engineering bricks.                                                                                                                               | no      | 95.88 |
| BW.14 | Half brick thick built honeycomb brickwork built entirely in first quality clay facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.  | sq<br>m | 27.8  |
| BW.15 | Half brick thick (102.5 mm thick) brickwork built entirely in first quality clay facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds. | sq<br>m | 39.78 |
| BW.16 | One brick thick (215 mm thick) brickwork built entirely in first quality clay facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.    | sq<br>m | 71.83 |
| BW.17 | Half brick thick honeycomb brickwork built entirely in clinker facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.                   | sq<br>m | 35.87 |

| BW.18 | Half brick thick brickwork built entirely in clinker facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.                                  | sq<br>m | 50.41 |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| BW.19 | One brick thick brickwork built entirely in clinker facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.                                   | sq<br>m | 92.57 |
| BW.20 | Half brick thick honeycomb brickwork built entirely in sandface/plain-face perforated facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds. | sq<br>m | 28.82 |
| BW.21 | Half brick thick brickwork built entirely in sandface/plain-face perforated facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.           | sq<br>m | 41.14 |
| BW.22 | One brick thick brickwork built entirely in sandface/plain-face perforated facing bricks one side with joints raked out and pointed in tinted cement as the work proceeds.            | sq<br>m | 74.46 |
| BW.23 | Half brick thick honeycomb brickwork built both sides entirely in first quality clay facing bricks with joints raked out and pointed in tinted cement as the work proceeds.           | sq<br>m | 31.54 |
| BW.24 | Half brick thick brickwork built both sides entirely in first quality clay facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                     | sq<br>m | 44.54 |
| BW.25 | One brick thick brickwork built both sides entirely in first quality clay facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                      | sq<br>m | 78.29 |
| BW.26 | Half brick thick built honeycomb brickwork built both sides entirely in clinker facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                | sq<br>m | 39.61 |
| BW.27 | Half brick thick brickwork built both sides entirely in clinker facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                                | sq<br>m | 55.17 |

| BW.28 | One brick thick brickwork built both sides entirely in clinker facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                                                                                                                            | sq<br>m | 99.54 |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| BW.29 | Half brick thick built honeycomb brickwork built both sides entirely in sandface perforated facing bricks/plain-face perforated facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                                                           | sq<br>m | 29.67 |
| BW.30 | Half brick thick brickwork built both sides entirely in sandface perforated facing bricks/plain-face perforated facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                                                                           | sq<br>m | 45.82 |
| BW.31 | One brick thick brickwork built both sides entirely in sandface perforated facing bricks/plain-face perforated facing bricks with joints raked out and pointed in tinted cement as the work proceeds.                                                                            | sq<br>m | 80.75 |
| BW.32 | Wash existing pointed brickwalls or blockwalls with caustic soda or other similar chemical cleaning liquid and removing dirt, grease, stains, fungus, etc.                                                                                                                       | sq<br>m | 1.11  |
| BW.33 | Hack out damaged pointing in joints and re-point in cement mortar or neat tinted cement as necessary to match existing (one side only).                                                                                                                                          | sq<br>m | 1.53  |
| BW.34 | 75 mm thick aerated concrete blocks (4.1 n/sq mm) in partition, infill panel and the like.                                                                                                                                                                                       | sq<br>m | 25.93 |
| BW.35 | $100\ \text{mm}$ thick aerated concrete blocks (4.1 n/sq mm) in partition, infill panel and the like.                                                                                                                                                                            | sq<br>m | 32.73 |
| BW.36 | 75 mm thick hollow concrete blocks laid in cement mortar(1:4) with 10mm joints including cutting, toothing, bonding, waste and preparing existing wall to receive new and reinforced at every course with and including "Exmet" or other equal and approved brick reinforcement. | sq<br>m | 17.34 |
| BW.37 | 100 mm thick hollow concrete blocks laid in cement mortar(1:4) with 10mm joints including cutting, toothing, bonding, waste and preparing existing wall to receive new and reinforced at every course with and including "Exmet" or other equal and approved brick reinforcement | sq<br>m | 20.15 |

| BW.38 | 150 mm thick hollow concrete blockslaid in cement mortar(1:4) with 10mm joints including cutting, toothing, bonding, waste and preparing existing wall to receive new and reinforced at every course with and including "Exmet" or other equal and approved brick reinforcement. | sq<br>m | 23.97  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| BW.39 | Extra over blockwork for building fairface with joints raked out and pointed in cement as the works proceeds (one side only).                                                                                                                                                    | sq<br>m | 2.47   |
| BW.40 | Extra over for filling 75 mm thick block solid with concrete (grade 15 ).                                                                                                                                                                                                        | sq<br>m | 1.36   |
| BW.41 | Extra over for filling 100 mm thick block solid with concrete (grade 15 ).                                                                                                                                                                                                       | sq<br>m | 1.36   |
| BW.42 | Extra over for filling 150 mm thick block solid with concrete (grade 15 ).                                                                                                                                                                                                       | sq<br>m | 3.49   |
| BW.43 | 100 mm thick concrete vent block in grille blockwall consisting of rain-<br>proof concrete vent blocks (any size) bedded and jointed in cement mortar<br>(1:6) reinforced every course with and including approved galvanised brick<br>reinforcement.                            | sq<br>m | 54.66  |
| BW.44 | 113 mm thick concrete vent block in grille blockwall consisting of rain-<br>proof concrete vent blocks (any size) bedded and jointed in cement mortar<br>(1:6) reinforced every course with and including approved galvanised brick<br>reinforcement.                            | sq<br>m | 56.27  |
| BW.45 | 150 mm thick concrete vent block in grille blockwall consisting of rain-<br>proof concrete vent blocks (any size) bedded and jointed in cement mortar<br>(1:6) reinforced every course with and including approved galvanised brick<br>reinforcement.                            | sq<br>m | 67.75  |
| BW.46 | Hammer dressed random rubble wall in selected granite blocks laid in cement mortar (1:3) including raking out joints and pointing in plain or white cement as work proceeds.                                                                                                     | cu<br>m | 201.11 |
| BW.47 | Render top of granite wall with cement mortar (1:3) average 50 mm thick including layer of mesh reinforcement.                                                                                                                                                                   | sq<br>m | 14.45  |

| BW.48 | Extra over for setting granite blocks against slipped banks.                                                                                                  | cu<br>m | 20.32 |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| BW.49 | 112.5 mm wide 3 ply bituminous felt horizontal damp proof course complying with BS 743 Type B in cement mortar (1:4) with mortar plasticiser to wall.         | m       | 0.6   |
| BW.50 | 225 mm wide 3 ply bituminous felt horizontal damp proof course complying with BS 743 Type B in cement mortar (1:4) with mortar plasticiser to wall.           | m       | 1.19  |
| BW.51 | Exceeding 300 mm wide 3 ply bituminous felt horizontal damp proof course complying with BS 743 Type B in cement mortar (1:4) with mortar plasticiser to wall. | sq<br>m | 12.58 |
| BW.52 | 0.6 mm thick polythylene moisture barrier laid to top, side or underside of concrete structure.                                                               | sq<br>m | 6.89  |
| BW.53 | 0.8 mm thick polythylene moisture barrier laid to top, side or underside of concrete structure.                                                               | sq<br>m | 10.8  |
| BW.54 | Sisalthene '300' heavy weight building paper laid to top, side or underside of concrete structure.                                                            | sq<br>m | 2.55  |
| BW.55 | Sisalkraft '355' medium weight building paper laid to top, side or underside of concrete structure.                                                           | sq<br>m | 4.08  |
| BW.56 | 1.5 mm thick Trocal type 'T' membrance with 2 layers of geotextile fleece laid to top, side or underside of concrete structure.                               | sq<br>m | 45.9  |
| BW.57 | 2.0 mm thick Trocal type 'T' membrance with 2 layers of geotextile fleece laid to top, side or underside of concrete structure.                               | sq<br>m | 50.83 |

| BW.58 | Supply and apply one coat of "DRIWAL" colourless waterproof compound to exposed surfaces of fair-faced brickwall.                                                     | sq<br>m | 3.4    |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| BW.59 | Supply and apply additional coating of "DRIWAL" colourless waterproof compound to exposed surfaces of fair-faced brickwall.                                           | sq<br>m | 2.93   |
| BW.60 | Prepare and apply "Colpave" sealer along the crack line on walls or slabs to cure leaks.                                                                              | m       | 6.89   |
| BW.61 | 38 mm x 3 mm galvanished wrougt iron or primed mild steel holdfast 225 mm long, one end turned up and screwed to timber and other end spilt and built into brickwork. | no      | 1.02   |
| BW.62 | 38 mm x 3 mm galvanished wrougt iron or primed mild steel holdfast 150 mm long, one end turned up and screwed to timber and other end spilt and built into brickwork. | no      | 0.77   |
| BW.63 | Hack off existing brickwork and/or blockwork, clear of site and stack good bricks aside for re-use and including all necessary minor shoring.                         | cu<br>m | 89.93  |
| BW.64 | Hack off existing granite rubble wall, clear off site or stack good blocks aside for re-use and cart debris off site and including all necessary minor shoring.       | cu<br>m | 100.13 |
| BW.65 | Take from stack and rebuilt granite random rubble wall in cement mortar (1:3) with joints raked out and pointed in plain or white cement as the work proceeds.        | cu<br>m | 161.84 |
| BW.66 | One course brick-on-edge laid in cement mortar (1:3) with 10 mm joints in steps, sills, copings, footpaths etc (Plan area measured).                                  | sq<br>m | 46.75  |
| BW.67 | Replace all broken and missing brick-on-edge in steps, sills, copings and the like with new one in cement mortar (1:3) to match existing.                             | sq<br>m | 35.02  |

| BW.68 | One course plain quarry tiles (any sizes) laid on cement mortar (1:3) with 10 mm joints in sills, weatherings or copings.                                                                                        | sq<br>m | 26.1  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| BW.69 | Two courses plain quarry tiles (any sizes) laid on cement mortar (1:3) with 10 mm joints in sills, weatherings or copings.                                                                                       | sq<br>m | 52.62 |
| BW.70 | Cut chases in existing rendered, tiled or fair face brickwork or concrete work, clear away debris and make existing in the following cross sections, not exceeding 2,500 sq mm.                                  | m       | 5.95  |
| BW.71 | Cut chases in existing rendered, tiled or fair face brickwork or concrete work, clear away debris and make existing in the following cross sections, over 2,500 and not exceeding 8,000 sq mm.                   | m       | 7.74  |
| BW.72 | Cut chases in existing rendered, tiled or fair face brickwork or concrete work, clear away debris and make existing in the following cross sections, over 8,000 and not exceeding 16,000 sq mm.                  | m       | 8.93  |
| BW.73 | Cut chases in existing rendered, tiled or fair face brickwork or concrete work, clear away debris and make existing in the following cross sections, over 16,000 and not exceeding 24,000 sq mm.                 | m       | 10.37 |
| BW.74 | Cut chases in existing rendered, tiled or fair face brickwork or concrete work, clear away debris and make existing in the following cross sections, over 24,000 and not exceeding 32,000 sq mm.                 | m       | 11.9  |
| BW.75 | Form holes for small pipe not exceeding 50 mm diameter in existing or new brickwork or blockwork not exceeding 65 mm thick, clear away debris and make good surrounds to match existing.                         | no      | 1.96  |
| BW.76 | Add for each additional stage of 25 mm thick wall, floor, etc. for item BW092.                                                                                                                                   | no      | 0.77  |
| BW.77 | Form holes for pipe exceeding 50 mm diameter and not exceeding 200 mm diameter in existing or new brickwork or blockwork not exceeding 65 mm thick, clear away debris and make good surrounds to match existing. | no      | 5.19  |

| BW.78 | Add for each additional stage of 25 mm thick wall, floor, etc. for item (BW094).                                                                                                   | no | 1.96  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| BW.79 | Cut small opening (ie not exceeding 0.50sq m) in existing or new brick or block walls not exceeding 150 mm thick (total thickness) and remove debris off site.                     | no | 14.71 |
| BW.80 | Add for each additional stage of 25 mm thick wall, floor, etc. for item (BW096).                                                                                                   | no | 2.47  |
| BW.81 | Cut large opening (ie exceeding 0.50sq m and not exceeding 2sq m) in existing or new brick or block walls not exceeding 150 mm thick (total thickness) and remove debris off site. | no | 47.35 |
| BW.82 | Add for each additional stage of 25 mm thick wall, floor, etc. for item (BW098).                                                                                                   | no | 2.98  |
| BW.83 | Below 25 mm diameter unplasticised PVC non-pressure pipe not exceeding 150 mm long with one end splayed and built in wall.                                                         | no | 1.36  |
| BW.84 | 25 mm to 50 mm diameter unplasticised PVC non-pressure pipe not exceeding 150 mm long with one end splayed and built in wall.                                                      | no | 2.04  |
| BW.85 | 50 mm to 75 mm diameter unplasticised PVC non-pressure pipe not exceeding 150 mm long with one end splayed and built in wall.                                                      | no | 2.98  |
| BW.86 | 75 mm to 100 mm diameter unplasticised PVC non-pressure pipe not exceeding 150 mm long with one end splayed and built in wall.                                                     | no | 4     |
| BW.87 | Add for each 25 mm in length for item BW100.                                                                                                                                       | no | 0.21  |

| BW.88 | Deduct for each 25 mm in length for item BW100.                                                                                                                 | no      | -0.17 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| BW.89 | Add for each 25 mm in length for item BW101.                                                                                                                    | no      | 0.3   |
| BW.90 | Deduct for each 25 mm in length for item BW101.                                                                                                                 | no      | -0.26 |
| BW.91 | Add for each 25 mm in length for item BW102                                                                                                                     | no      | 0.38  |
| BW.92 | Deduct for each 25 mm in length for item BW102.                                                                                                                 | no      | -0.34 |
| BW.93 | Add for each 25 mm in length for item BW103.                                                                                                                    | no      | 0.6   |
| BW.94 | Deduct for each 25 mm in length for item BW103.                                                                                                                 | no      | -0.51 |
| BW.95 | 100 mm diameter clay earthenware weep pipes built in wall.                                                                                                      | m       | 18.36 |
| BW.96 | 150 mm diameter clay earthenware weep pipes built in wall.                                                                                                      | m       | 22.53 |
| BW.97 | Lay only 80 mm thick hollow glass block (any type) with approved horizontal joint reinforcing placed at every course including mortar and pointing with cement. | sq<br>m | 27.97 |

**BW-68** 

| BW.98  | Supply and lay 80 mm thick hollow glass block (any type) with approved horizontal joint reinforcing placed at every course including mortar and pointing with cement.                            | sq<br>m | 244.38 |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| BW.99  | Lay only 100 mm thick hollow glass block (any type) with approved horizontal joint reinforcing placed at every course including mortar and pointing with cement.                                 | sq<br>m | 31.71  |
| BW.100 | Supply and lay 100 mm thick hollow glass block (any type) with approved horizontal joint reinforcing placed at every course including mortar and pointing with cement.                           | sq<br>m | 289.6  |
| BW.101 | Carefully remove existing glass bricks (any size) from 80 mm or 100 mm thick walls, vents, etc. clear off site or cart to store area or stack good bricks aside for re-use and cart away debris. | sq<br>m | 8.42   |
| BW.102 | Take from stack and rebuilt glass brick walls in cement mortar (1:6) and pointed in tinted cement as the work proceeds.                                                                          | sq<br>m | 23.97  |

# 4. AMENDMENTS TO THE TENDER DOCUMENTS

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.1 | 0.47mm high tensile profile patent/kliplok galvanized steel sheet roof decking, wall cladding,fascia. etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stop to open rib ends of deck, labour in flange bending to form turn- ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, with the manufacturer's printed instructions (Net area measured).                                                              | sq m | 20.4           |
| RF.2 | 0.47 mm high tensile profile colourbond/colourcote steel sheet roof decking, wall cladding, fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions.(Net area measured)      | sq m | 24.48          |
| RF.3 | 0.53 mm high tensile profile patent kliplock galvanized steel sheet roof decking, wall cladding fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions. (Net area measured) | sq m | 25.5           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.4  | 0.53 mm high tensile profile colourbond/colourcote steel sheet roof decking, wall cladding fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions.(Net area measured) | sq m | 28.05          |
| RF.5  | 0.65 mm profile patent galvanized kliplok steel roof decking, wall cladding fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions.(Net area measured)                | sq m | 29.5           |
| RF.6  | 0.65 mm profile colourbond/colourcote steel roof decking, wall cladding fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions.(Net area measured)                    | sq m | 33.58          |
| RF.7  | 0.75 mm profile patent galvanized kliplok sheet roof decking, wall cladding, fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions.(Net area measured)               | sq m | 34.68          |
| RF.8  | 0.75 mm profile colourbond /colourcote sheet roof decking, wall cladding, fascia, etc. fixed to timber or steel purlins or angle, rail etc. including all necessary fixing clips, screws, etc. and stops to open rib ends of deck, labour in flange bending to form turn-ups at ridge or turn-down at eaves, all cutting and waste, and all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions. (Net area measured).                | sq m | 39.61          |
| RF.9  | Flashing for galvanized steel profile patterns roof including bending, joints, beaded edges, dressing, cutting chase in masonry work, ceiling chase with cementatious mortar, etc.                                                                                                                                                                                                                                                                                                                            | sq m | 39.1           |
| RF.10 | Flashing for colourbond/colourcote steel profile patterns roof including bending, joints, beaded edges, dressing, cutting chase in masonry work, ceiling chase with cementatious mortar, etc. (Net area measured).                                                                                                                                                                                                                                                                                            | sq m | 44.29          |
| RF.11 | Supply and install "Decrabond" flashing with baked enamel finish of girth 300 mm                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 12.58          |
| RF.12 | Supply and install "Decrabond" ridge and hip fitting with baked enamel finish                                                                                                                                                                                                                                                                                                                                                                                                                                 | m    | 12.24          |
| RF.13 | Used corrugated sheet fixed to purlins with one corrugation side laps and minimum 150 mm end laps as specified. (Net area measured).                                                                                                                                                                                                                                                                                                                                                                          | sq m | 5.27           |
| RF.14 | Approved non-abestos corrugated sheet fixed to purlins with one corrugation side laps and minium 150 mm end laps as specified. (Net area measured).                                                                                                                                                                                                                                                                                                                                                           | sq m | 18.36          |
| RF.15 | Used Pattern clay roofing tiles, best quality of approved brand, laid and fixed to existing timber battens and including wiring or nailing tiles to battens at every alternate course (Net area measured).                                                                                                                                                                                                                                                                                                    | sq m | 8.5            |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.16 | Used Pattern clay roofing tiles, best quality of approved brand, laid and including new kapur battens with two coats of approved preservative coating and including wiring or nailing tiles to battens at every alternate course (Net area measured).                                                                                                    | sq m | 18.87          |
| RF.17 | Redland or other equal and approved ordinary colour (red, brown, grey) standard interlocking tiles to match existing if in replacement and laid on and including tantalized sawn kapur battens with copper nails at every alternate course (Net area measured).                                                                                          | sq m | 32.3           |
| RF.18 | Redland or other equal and approved ordinary colour (red, brown, grey) standard interlocking tiles to match existing if in replacement and laid on including new kapur battens with two coats of approved preservative coating and including tantalized sawn kapur battens with copper nails at every alternate course (Net area measured).              | sq m | 34.51          |
| RF.19 | Redland or other equal and approved ordinary colour (red, brown, grey) standard interlocking tiles to match existing if in replacement and laid on existing battens (Net area measured).                                                                                                                                                                 | sq m | 17.85          |
| RF.20 | Scantile panel or their equal and approved 0.66 mm thick high tensile steel continuous hot dipped galvanized with Kynar 500 Polyvbinlyidence (PVF2) coating fixed to timber or steel etc. including all necessary materials, equipment and labour for hoisting and fixing in accordance with the manufacturer's printed instructions (Net area measured) | sq m | 49.64          |
| RF.21 | Redland or other equal and approved special colour (green, yellow, white) standard interlocking tiles to match existing if in replacement and laid on and including tantalized sawn kapur battens with copper nails at every alternate course (Net area measured).                                                                                       | sq m | 33.32          |
| RF.22 | Redland or other equal and approved special colour (green, yellow, white) standard interlocking tiles to match existing if in replacement and laid on including new kapur battens with two coats of approved preservative coating and including tantalized sawn kapur battens with copper nails at every alternate course (Net area measured).           | sq m | 35.53          |
| RF.23 | Redland or other equal and approved special colour (green, yellow, white) standard interlocking tiles to match existing if in replacement and laid on existing battens (Net area measured).                                                                                                                                                              | sq m | 18.87          |
| RF.24 | Monier or other equal and approved ordinary colour pantile to match existing if in replacement and laid on and including tantalized sawn kapur battens, and nailing to battens with copper nails at every course (Net area measured).                                                                                                                    | sq m | 24.91          |
| RF.25 | Monier or other equal and approved ordinary colour pantile to match existing if in replacement and laid on and include new kapur battens with two coats of approved preservative coating and including tantalized sawn kapur battens, and nailing to battens with copper nails at every course (Net area measured).                                      | sq m | 27.54          |
| RF.26 | Monier or other equal and approved ordinary colour pantile to match existing if in replacement and laid on laid on existing battens (Net area measured).                                                                                                                                                                                                 | sq m | 14.71          |
| RF.27 | Monier or other equal and approved special colour pantile to match existing if in replacement and laid on and including tantalized sawn kapur battens, and nailing to battens with copper nails at every course (Net area measured).                                                                                                                     | sq m | 26.1           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.28 | Monier or other equal and approved special colour pantile to match existing if in replacement and laid on and include new kapur battens with two coats of approved preservative coating and including tantalized sawn kapur battens, and nailing to battens with copper nails at every course (Net area measured).                                                          | sq m | 28.73          |
| RF.29 | Monier or other equal and approved special colour pantile to match existing if in replacement and laid on laid on existing battens (Net area measured).                                                                                                                                                                                                                     | sq m | 15.9           |
| RF.30 | Decrabond interlocking roofing tiles as specified including hips and ridges fixed on to and including 38 mm x 50 mm tantalized sawn kapur battens according to manufacturer's instructions                                                                                                                                                                                  | sq m | 47.26          |
| RF.31 | Decrabond interlocking roofing tiles as specified including hips and ridges fixed on and including new kapur battens with two coats of approved preservative coating.                                                                                                                                                                                                       | sq m | 51.43          |
| RF.32 | Decrabond interlocking roofing tiles as specified including hips and ridges laid on existing battens.                                                                                                                                                                                                                                                                       | sq m | 37.23          |
| RF.33 | Translucent corrugated fiberglass sheeting weighing 1.82 kg per sq. metre fixed to purlins or rails etc. with two corrugations side laps and with end laps minimum 150 mm including all necessary drive nails and washer or hook bolts and washers, all cutting and fixing all in accordance with manufacturer's instructions (Net area measured)                           | sq m | 61.8           |
| RF.34 | Translucent corrugated fiberglass sheeting weighing 2.43 kg per sq. metre fixed to purlins or rails etc. with two corrugations side laps and with end laps minimum 150 mm including all necessary drive nails and washer or hook bolts and washers, all cutting and fixing all in accordance with manufacturer's instructions (Net area measured)                           | sq m | 89.85          |
| RF.35 | PVC transparent corrugated sheeting of the same profile to match corrugated asbestos, metal or bituminous roofing sheets fixed to purlins or rails etc. with two corrugations side laps and with minimum 150 mm end laps including all necessary drive nails and washers or hook bolts and washers, all in accordance with manufacturer's instructions (Net area measured). | sq m | 19.55          |
| RF.36 | Supply only used Chinese tile to match existing with 2 corrugation side laps & 150mm end laps.                                                                                                                                                                                                                                                                              | no   | 0.6            |
| RF.37 | Supply and fix 0.5mm gauge corrugated aluminium roofing sheet with 125mm side lamps complete with fixing accessories & 150mm minimum end laps. (Measured nett, no allowance made for laps)                                                                                                                                                                                  | sq m | 15.3           |
| RF.38 | Supply and fix 0.5mm gauge corrugated aluminium roofing sheet with 125mm side lamps complete with fixing accessories & 225mm minimum end laps. (Measured nett, no allowance made for laps)                                                                                                                                                                                  | sq m | 18.36          |
| RF.39 | Supply and fix 0.5mm gauge corrugated aluminium roofing sheet with 125mm side lamps complete with fixing accessories & 300mm minimum end laps. (Measured nett, no allowance made for laps)                                                                                                                                                                                  | sq m | 21.42          |
| RF.40 | Supply and fix 0.5mm gauge corrugated aluminium roofing sheet with 125mm side lamps complete with fixing accessories in ridges or hips. (Measured nett, no allowance made for laps)                                                                                                                                                                                         | m    | 5.61           |
| RF.41 | Labour and material replacing Alocrome corrugated roofing sheets including takingdown existing damaged corrugated roofing sheets and removing debris to ENV's dumping ground.                                                                                                                                                                                               | sq m | 31.62          |
| RF.42 | Labour and material fixing Dico aluminium roofing sheet to roof including taking down existing damaged roofing sheets and removing debris to ENV's dumping ground.                                                                                                                                                                                                          | sq m | 22.44          |

| S/No  | Description                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.43 | Supply and fix 0.4mm gauge corrugated galvanised iron roofing sheet with 125mm side laps and complete with fixing accessories & 150mm minimum end laps. (Measured nett, no allowance made for laps). | sq m | 15.13          |
| RF.44 | Supply and fix 0.5mm gauge corrugated galvanised iron roofing sheet with 125mm side laps and complete with fixing accessories & 150mm minimum end laps. (Measured nett, no allowance made for laps). | sq m | 15.64          |
| RF.45 | Supply and fix 0.6mm gauge corrugated galvanised iron roofing sheet with 125mm side laps and complete with fixing accessories & 150mm minimum end laps. (Measured nett, no allowance made for laps). | sq m | 16.24          |
| RF.46 | Supply and fix 0.6mm gauge corrugated galvanised iron roofing sheet with 125mm side laps and complete with fixing accessories & 225mm minimum end laps. (Measured nett, no allowance made for laps). | sq m | 16.58          |
| RF.47 | Supply and fix 0.6mm gauge corrugated galvanised iron roofing sheet with 125mm side laps and complete with fixing accessories & 300mm minimum end laps. (Measured nett, no allowance made for laps)  | sq m | 16.83          |
| RF.48 | Supply and fix corrugated galvanised iron roofing sheet with 125mm side laps and complete with fixing accessories in ridges or hips. (Measured nett, no allowance made for laps)                     | sq m | 8.16           |
| RF.49 | Supply and fix matching 'J' -hooks to existing corrugated roofing sheets, not exceeding 10 nos. at any one time.                                                                                     | no   | 5.1            |
| RF.50 | Supply and fix matching 'J' -hooks to existing corrugated roofing sheets, exceeding 10 nos. at any one time.                                                                                         | no   | 4.08           |
| RF.51 | Prepare and seal with silicon compound to screw holes of roofing sheets of quantities not exceeding 20 nos.                                                                                          | no   | 1.02           |
| RF.52 | Prepare and seal with silicon compound to screw holes of roofing sheets of quantities exceeding 20 nos.                                                                                              | no   | 0.68           |
| RF.53 | Prepare and seal with silicon compound to defective side-lamps of roofing sheets, flashings, cappings, etc of quantities not exceeding 10m.                                                          | m    | 13.26          |
| RF.54 | Prepare and seal with silicon compound to defective side-lamps of roofing sheets, flashings, cappings, etc of quantities exceeding 10m.                                                              | m    | 9.18           |
| RF.55 | Labour and material cleaning 50mm wide joints of existing roofing sheets/valley gutters and sealed up with 'Expandite Instantseal'.                                                                  | m    | 3.66           |
| RF.56 | Labour and material cleaning 75mm wide joints of existing roofing sheets/valley gutters and sealed up with 'Expandite Instantseal'.                                                                  | m    | 4.59           |
| RF.57 | Labour and material cleaning 100mm wide joints of existing roofing sheets/valley gutters and sealed up with 'Expandite Instantseal'.                                                                 | m    | 5.19           |
| RF.58 | Labour and materials driving to existing sheeting self-tapping screws not exceeding 13mm diameter x 17mm long including necessary tools.                                                             | no   | 0.51           |
| RF.59 | Labour for taking down and removing existing damaged metal roofing sheets to ENV's dumping ground.(Inclusive of ENV dumping charges)                                                                 | sq m | 4.08           |
| RF.60 | Labour and material for patching up nail holes in metal roofing sheets with mastic and one layer of bituminous felt.                                                                                 | no   | 2.55           |
| RF.61 | Galvanized steel profile patterns standard ridges capping for pitch roof, notched and dressed down between ribs and fix with approved fasteners (measured net).                                      | m    | 11.05          |
| RF.62 | Galvanized steel profile patterns standard ridges capping for flat roof, notched and dressed down between ribs and fix with approved fasteners (measured net).                                       | m    | 13.86          |
| RF.63 | (measured net).  Galvanized steel profile colourbond ridges capping for pitch roof, notched and dressed down between ribs and fix with approved fasteners (measured net).                            | m    | 13.43          |

| S/No  | Description                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.64 | Galvanized steel profile colourbond ridges capping for flat roof, notched and dressed down between ribs and fix with approved fasteners (measured net).                                                                                                                                        | m    | 16.66          |
| RF.65 | Used clay ridge or hip tiles including bedding and pointing in cement mortar (1:3)                                                                                                                                                                                                             | m    | 4              |
| RF.66 | Ordinary colour concrete ridge or hip tiles including bedding and pointing in cement mortar (1:3).                                                                                                                                                                                             | m    | 6.12           |
| RF.67 | Special colour concrete ridge or hip tiles including bedding and pointing in cement mortar (1:3).                                                                                                                                                                                              | m    | 6.55           |
| RF.68 | Galvanized iron ridges or hips pieces 300 mm wide fixed complete.                                                                                                                                                                                                                              | m    | 5.78           |
| RF.69 | Approved non-asbestos close fitting two pieces ridges or hips (measured net).                                                                                                                                                                                                                  | m    | 19.38          |
| RF.70 | Half round ridge tiles for "Scantile" roof system.                                                                                                                                                                                                                                             | m    | 29.58          |
| RF.71 | Ridge tile end cap for "Scantile" roof system.                                                                                                                                                                                                                                                 | no   | 6.29           |
| RF.72 | Gable trim (300 mm girth) for "Scantile" roof system.                                                                                                                                                                                                                                          | m    | 15.22          |
| RF.73 | Wall flashing (240 mm girth) for "Scantile" roof system.                                                                                                                                                                                                                                       | m    | 17.26          |
| RF.74 | Eaves trim (170 mm girth) for "Scantile" roof system.                                                                                                                                                                                                                                          | m    | 15.81          |
| RF.75 | Valley gutter (600 mm girth)                                                                                                                                                                                                                                                                   | m    | 24.06          |
| RF.76 | Take out existing valley gutters, flashings, etc. remove off site and prepare to receive new (Rate for new gutters etc. under Section F Structural Steelworks and Metalwork).                                                                                                                  | sq m | 5.27           |
| RF.77 | Take out existing eaves gutters including brackets where necessary, remove off site and make good work disturbed.                                                                                                                                                                              | m    | 1.19           |
| RF.78 | 150 mm half-round eaves gutter fabricated from 2.0 mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets, balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes.                        | m    | 15.81          |
| RF.79 | 225 mm half-round eaves gutter fabricated from 2.0 mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets, balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes.                        | m    | 20.91          |
| RF.80 | Box/eave gutter and flashing, fitments etc to any sizes and shapes in 2.0 mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets, balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes. | sq m | 70.89          |
| RF.81 | Box/eave gutter and flashing, fitments etc to any sizes and shapes in 1.5 mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets, balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes. | sq m | 46.41          |
| RF.82 | Box/eave gutter and flashing ,fitments etc to any sizes and shapes in 1.0 mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets, balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes. | sq m | 41.31          |

| S/No  | Description                                                                                                                                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.83 | Supply and fix box/eave gutter and flashing, fitments etc to any sizes and shapes from 0.75mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets balloon grating and fixing with and including brackets and connecting to existing gutters and                                              | sq m | 40.8           |
| RF.84 | rainwater down pipes.  Supply and fix box/eave gutter and flashing, fitments etc to any sizes and shapes from 0.55mm thick aluminium sheeting with beaded edges and soldered joints, bends, stopped ends, outlets balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes. | sq m | 32.13          |
| RF.85 | Supply and fix box/eave gutter and flashing, fitments etc to any sizes and shapes from 0.5mm thick stainless steel sheeting with beaded edges and soldered joints, bends, stopped ends, outlets balloon grating and fixing with and including brackets and connecting to existing gutters and rainwater down pipes.                   | sq m | 36.3           |
| RF.86 | Supply and fix box/eave gutter and flashing, fitments etc to any sizes and shapes from 0.75mm thick stainless steel sheeting with beaded edges and soldered joints, bends, stopped ends, outlets balloon grating and fixing with and including brackets and connecting to existing gutters and                                        | sq m | 72.93          |
| RF.87 | rainwater down pipes.  Supply and fix box/eave gutter and flashing, fitments etc to any sizes and shapes from 1mm thick stainless steel sheeting with beaded edges and soldered joints, bends, stopped ends, outlets balloon grating and fixing with and including brackets and connecting to existing gutters and                    | sq m | 85.17          |
| RF.88 | rainwater down pipes.  Supply and fix box/eave gutter and flashing, fitments etc to any sizes and shapes from 1.5mm thick stainless steel sheeting with beaded edges and soldered joints, bends, stopped ends, outlets balloon grating and fixing with and including brackets and connecting to existing gutters and                  | sq m | 107.61         |
| RF.89 | rainwater down pipes.  200 mm x 200 mm square trough shaped approved UPVC gutter with solvent cement joint including all necessary mitre joints, caps and mild steel brackets and balloon grating.                                                                                                                                    | m    | 56.1           |
| RF.90 | 250 mm x 125 mm square trough shaped approved UPVC gutter with solvent cement joint including all necessary mitre joints, caps and mild steel brackets and balloon grating.                                                                                                                                                           | m    | 48.11          |
| RF.91 | 150mm diameter half round shaped approved UPVC gutter with solvent cement joint including all necessary mitre joints, caps and mild steel brackets and balloon grating.                                                                                                                                                               | m    | 14.28          |
| RF.92 | Clean out and remove rubbish from roof gutters including outlets.                                                                                                                                                                                                                                                                     | m    | 0.85           |
| RF.93 | 0.75 mm thick, 150 mm half-round gutters fabricated from stainless steel sheet complete with bends, stopped ends, balloons grating, outlets and fixing with and including brackets and connecting to existing gutters and rainwater downpipe (Rate Per Metre).                                                                        | m    | 26.44          |
| RF.94 | 1mm thick, 150 mm half-round gutter fabricated from stainless steel sheet complete with bends, stopped ends, balloons grating, outlets and fixing with and including brackets and connecting to existing gutters and rainwater downpipe (Rate Per Metre).                                                                             | m    | 30.94          |
| RF.95 | 1.5mm thick, 150 mm half-round gutter fabricated from stainless steel sheet complete with bends, stopped ends, balloons grating, outlets and fixing with and including brackets and connecting to existing gutters and rainwater downpipe (Rate Per Metre).                                                                           | m    | 36.81          |

| S/No   | Description                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.96  | 0.75mm thick, 225 mm half-round gutter fabricated from stainless steel sheet complete with bends, stopped ends, balloons grating, outlets and fixing with and including brackets and connecting to existing gutters and rainwater downpipe (Rate Per Metre). | m    | 37.23          |
| RF.97  | 1mm thick, 225 mm half-round gutter fabricated from stainless steel sheet complete with bends, stopped ends, balloons grating, outlets and fixing with and including brackets and connecting to existing gutters and rainwater downpipe (Rate Per Metre).    | m    | 44.29          |
| RF.98  | 1.5mm thick, 225 mm half-round gutter fabricated from stainless steel sheet complete with bends, stopped ends, balloons grating, outlets and fixing with and including brackets and connecting to existing gutters and rainwater downpipe (Rate Per Metre).  | m    | 51.34          |
| RF.99  | Supply and install 100 mm diameter cast iron dome grating and fluted flange including joining to rainwater down pipes and setting in concrete slab to form a water tight joint                                                                               | no   | 24.31          |
| RF.100 | Supply and install 150 mm diameter cast iron dome grating and fluted flange including joining to rainwater down pipes and setting in concrete slab to form a water tight joint                                                                               | no   | 38.59          |
| RF.101 | Take out existing rainwater down pipes/scupper drain pipes (any type and size), remove off site and make good work disturbed including necessary cutting in position                                                                                         | m    | 0.94           |
| RF.102 | Take out existing metal holderbats for pipe, ( any diameter ) remove off site and make good work disturbed.                                                                                                                                                  | no   | 0.51           |
| RF.103 | Supply labour and all necessary tools for cleaning choked rain water down pipe/scupper drain pipe (rate per sta no Scaffolding to charge separately if exceeds one sty height.                                                                               |      |                |
| RF.104 | Supply and install 50 mm diameter UPVC scupper drain pipe/rainwater down pipe.                                                                                                                                                                               | m    | 8.67           |
| RF.105 | 75 mm diameter UPVC rainwater down pipe/scupper drain pipe ditto cement solvent joint including all necessary brackets or fixing straps, down spouts, joiners, elbows, shoes, etc.                                                                           | m    | 9.69           |
| RF.106 | 100 mm diameter UPVC rainwater down pipe/scupper drain pipe(any type and size), remove off site and make good work disturbed including necessary cutting in position.                                                                                        | m    | 11.73          |
| RF.107 | 150 mm diameter UPVC rainwater down pipe/scupper drain pipe(any type and size), remove off site and make good work disturbed including necessary cutting in position.                                                                                        | m    | 21.93          |
| RF.108 | 150 mm x 100 mm UPVC rainwater down pipe/scupper drain pipe(any type and size), remove off site and make good work disturbed including necessary cutting in position.                                                                                        | m    | 27.12          |
| RF.109 | Take out existing rainwater head (any type and size) and remove off site.                                                                                                                                                                                    | no   | 1.87           |
| RF.110 | Supply and install 75 mm diameter UPVC scupper drain cover to scupper drain outlet including jointing material.                                                                                                                                              | no   | 2.04           |
| RF.111 | Supply and install 100 mm diameter UPVC scupper drain cover to scupper drain outlet including jointing material.                                                                                                                                             | no   | 2.55           |
| RF.112 | Supply and install 75 mm diameter UPVC domed-shape drain cover to drain outlet.                                                                                                                                                                              | no   | 18.87          |
| RF.113 | Supply and install 100 mm diameter UPVC domed-shape drain cover to drain outlet.                                                                                                                                                                             | no   | 20.4           |

| S/No   | Description                                                                                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.114 | Supply and install domed-shape roof outlet, diameter of 'A' measuring approximately 300 mm and rainwater down pipe 'B' measured at a range of 75 mm to 125 mm in diameter (Appendix 8).                                                                                               | no   | 142.8          |
| RF.115 | Fix only any size/shape outlet to roof                                                                                                                                                                                                                                                | no   | 2.04           |
| RF.116 | 6 mm thick steel roof trap door with 38 mm x 38 mm mild steel angle framing all round complete with hinges, hasp and staple (padlock measured separately) rest on and including 50 mm x 50 mm mild steel angle fixed to concrete work or the like and three coats painting.           | sq m | 235.28         |
| RF.117 | Take out and cart away existing trap roof door and make good work disturbed.                                                                                                                                                                                                          | sq m | 22.61          |
| RF.118 | Take out and recondition roof trap door.                                                                                                                                                                                                                                              | no   | 40.8           |
| RF.119 | Roof trap door with 18 mm thick water-proof plywood backing, and covered all round with 24 G aluminium sheeting, complete with hinges, hasp and staple (padlock measured) 50 mm x 50 mm x 6 mm mild steel angle fixed to concrete work or the like and three coats painting to angle. | sq m | 112.2          |
| RF.120 | Strip existing galvanized steel profiled sheeting including ridges and remove off site.                                                                                                                                                                                               | sq m | 1.19           |
| RF.121 | Strip existing Chinese tiles including ridge and hip tiles and remove off site.                                                                                                                                                                                                       | sq m | 0.85           |
| RF.122 | Strip existing Chinese tiles including ridge and hip tiles including battens and remove off site.                                                                                                                                                                                     | sq m | 1.45           |
| RF.123 | Strip existing corrugated non-asbestos or trafford type asbestos or including ridges and hips and remove off site.                                                                                                                                                                    | sq m | 0.68           |
| RF.124 | Strip existing corrugated metal, bituminous, PVC or Decrabond sheeting including ridges and hips and remove off site.                                                                                                                                                                 | sq m | 0.68           |
| RF.125 | Strip existing pattern clay, glass roofing tiles or concrete interlocking tiles including ridge and hip tiles and remove off site.                                                                                                                                                    | sq m | 0.85           |
| RF.126 | Strip existing pattern clay, glass roofing tiles or concrete interlocking tiles including ridge and hip tiles including battens and remove off site.                                                                                                                                  | sq m | 1.36           |
| RF.127 | Strip existing galvanized steel sheeting including ridges and carefully stack aside where directed for re-use.                                                                                                                                                                        | sq m | 1.62           |
| RF.128 | Strip existing Chinese tiles including ridges and hip tiles and carefully stack aside where directed for re-use.                                                                                                                                                                      | sq m | 1.11           |
| RF.129 | Strip existing Chinese tiles including ridges and hip tiles, including taking out battens and removing battens off site and carefully stack aside where directed for re-use.                                                                                                          | sq m | 1.7            |
| RF.130 | Strip existing corrugated non-asbestos or trafford type asbestos including ridges and hips and carefully stack aside where directed for re-use.                                                                                                                                       | sq m | 0.85           |
| RF.131 | Strip existing corrugated metal, bituminous, PVC or Decrabond sheeting including ridges and hips and carefully stack aside where directed for reuse.                                                                                                                                  | sq m | 0.85           |
| RF.132 | Strip existing pattern clay, glass roofing tiles or concrete interlocking tiles, pantiles, including ridges and hips and carefully stack aside where directed for re-use.                                                                                                             | sq m | 0.94           |
| RF.133 | Strip existing pattern clay, glass roofing tiles or concrete interlocking tiles, pantiles, including ridges and hips & including taking out battens and removing battens off site and carefully stack aside where directed for reuse.                                                 | sq m | 1.62           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.134 | Take from stack relay existing galvanized steel profiled pattern sheeting including ridges fixed with new clips, screws etc. where necessary. (New sheet measured separately).                                                                                                                                                                      | sq m | 3.49           |
| RF.135 | Take from stack relay existing Chinese tiles including ridge and hip tiles and filling and pointing ends of crowns of tiles with cement mortar (1:3) at 1000 mm intervals. (New sheet measured separately).                                                                                                                                         | sq m | 4.25           |
| RF.136 | Take from stack relay existing Chinese tiles including ridge and hip tiles and filling and pointing ends of crowns of tiles with cement mortar (1:3) at 1000 mm intervals including new kapur battens with two coats of approved preservative coating. (New sheet measured separately).                                                             | sq m | 23.12          |
| RF.137 | Take from stack relay existing non-asbestos (any type) metal, bituminous, PVC or Decrabondinterlocking roofing tiles laid with adequate side and end laps fixed with new galvanized drive nails and washers or new galvanized hook bolts and washers. (New sheet measured separately).                                                              | sq m | 4.42           |
| RF.138 | Take from stack relay existing non- asbestos (any type) metal, bituminous, PVC or Decrabond interlocking roofing tiles laid with adequate side and end laps fixed with new galvanized drive nails and washers or new galvanized hook bolts and washers including bedding side and end laps with approved adhesive. (New sheet measured separately). | sq m | 9.52           |
| RF.139 | Take from stack relay existing pattern clay tile, glass roofing tile, concrete standard interlocking tile or concrete pantile including new copper nails. (New sheet measured separately).                                                                                                                                                          | sq m | 4.42           |
| RF.140 | Take from stack relay existing pattern clay tile, glass roofing tile, concrete standard interlocking tile or concrete pantile including new copper nails including new kapur battens with two coats of approved preservative coating. (New sheet measured separately).                                                                              | sq m | 22.87          |
| RF.141 | Take from stack relay existing clay or concrete ridge/ hip tiles including bedding and pointing in cement mortar (1:3). (New sheet measured separately).                                                                                                                                                                                            | m    | 3.15           |
| RF.142 | Take from stack relay existing cement or metal or bituminous or Decrabond ridges and hips fixed complete. (New sheet measured separately).                                                                                                                                                                                                          | m    | 5.02           |
| RF.143 | Supply and installation of 50mm thick Insulfoam MRB-32 or other equal and approved moulded expanded polystyrene board (laid to falls) with self-interlocking system as described laid in strict accordance with Manufacturer's instructions                                                                                                         | sq m | 21.42          |
| RF.144 | Saturated bitumen two-ply felt as specified in two layer weighing 35.5 kg per 20 sq m roll laid, sealed and bonded with hot bitumen on flat roofs (net area measured).                                                                                                                                                                              | sq m | 11.22          |
| RF.145 | Saturated bitumen two-ply felt as specified in two layer weighing 35.5 kg per 20sq m roll laid, sealed and bonded with hot bitumen on flat roofs in skirting, upstands, eaves, edges, gutters, etc. (net area measured).                                                                                                                            | sq m | 19.55          |
| RF.146 | Saturated bitumen two-ply felt as specified in one layer weighing 35.5 kg per 20sq m roll laid, sealed and bonded with hot bitumen on flat roofs (net area measured).                                                                                                                                                                               | sq m | 6.55           |
| RF.147 | Saturated bitumen one-ply felt as specified in one layer weighing 35.5 kg per 20sq m roll laid, sealed and bonded with hot bitumen on flat roofs in skirting, upstands, eaves, edges, gutters (net area measured).                                                                                                                                  | sq m | 11.31          |
| RF.148 | Saturated bitumen one-ply felt as specified weighing 17.75 kg per 20sq m roll laid, sealed and bonded with hot bitumen on roofs (net area measured).                                                                                                                                                                                                | sq m | 5.7            |

| S/No   | Description                                                                                                                                                                                                                                                                                       | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.149 | Saturated bitumen one-ply felt as specified weighing 17.75 kg per 20sq m roll laid, sealed and bonded with hot bitumen on roofs in skirting, upstands, eaves, edges, gutters (net area measured).                                                                                                 | sq m | 10.63          |
| RF.150 | Extra labour and material to dressing to outlets fitting etc.                                                                                                                                                                                                                                     | no   | 19.38          |
| RF.151 | 6 mm thick layer of granite chips (3 mm size) laid shoulder to shoulder on and including hot bitumen dressing compound to flat roofs.                                                                                                                                                             | sq m | 2.55           |
| RF.152 | One coat of hot bituminous compound laid at 1.5 kg per 10sq m.                                                                                                                                                                                                                                    | sq m | 1.7            |
| RF.153 | Supply and lay ONE layer of 4mm thick "Torch On" waterproofing membrance on concrete flat roof including one coat of bitumen black primer and 150mm height upturn for skirting.                                                                                                                   | sq m | 20.4           |
| RF.154 | Patent panel roofing comprising three layers bituminous felt, the first and second layers each weighing 27 kg per 20sq m roll (1 ply) and the third layer weighing 45 kg per 20sq m roll (3 ply) laid on flat roof in accordance with specialist recommendations.                                 | sq m | 16.92          |
| RF.155 | Patent panel roofing comprising three layers bituminuos felt,the first and second layers each weighing 27 kg per 20sq m roll (1 ply) and the third layer weighing 45 kg per 20sq m roll (3 ply) laid in skirting, upstands, eaves, edges, gutters, etc.                                           | sq m | 30.43          |
| RF.156 | Average 25 mm thick waterproof cement and sand (1:3) topping laid in panels of 750 x 750 mm to slope or flat roof all in accordance with specialist recommendation including steel trowelled and finished to falls.                                                                               | sq m | 15.9           |
| RF.157 | Average 25 mm thick waterproof cement and sand (1:3) topping laid in panels of 750 x 750 mm to slope or flat roof all in accordance with specialist recommendation including steel trowelled and finished to falls in skirting, upstands, eaves, edges, gutters, etc.                             | sq m | 20.74          |
| RF.158 | Add for each additional 5 mm thick waterproof of cement and sand topping as before described.                                                                                                                                                                                                     | sq m | 2.64           |
| RF.159 | Remove existing felt roofing including chipping, if any. Prepare surface to receive new and debris off site.                                                                                                                                                                                      | sq m | 3.57           |
| RF.160 | Remove existing cement panels and if necessary prepare surface to receive new and debris off site.                                                                                                                                                                                                | sq m | 5.1            |
| RF.161 | Hack up existing cement panels and make good in patches, each patch not exceeding 2 panels and 25 mm thick and debris off site (rate per patch).                                                                                                                                                  | no   | 3.4            |
| RF.162 | Hack up existing cement panels and make good in patches, each patch not exceeding 2 panels and 25 mm thick including replacement of 3 layers roofing felts as before specified and cement panels in patches and debris off site (rate per patch).                                                 | no   | 40.21          |
| RF.163 | Approved bituminous liquid solution fillings to expansion joints of panel roofing, crevices, cracks, etc. approximately 15 mm wide x 22 mm deep to panel roofing including forming groove if necessary.                                                                                           | m    | 1.11           |
| RF.164 | Approved bituminous liquid solution fillings to expansion joints of panel roofing, crevices, cracks, etc. approximately 15 mm wide x 22 mm deep to panel roofing including forming groove if necessary, in replacement including hacking existing fillings and carting away debris on completion. | m    | 1.87           |
| RF.165 | Investigate and cure leak in tiled roof including providing new tiles not exceeding 0.50sq m in area to match existing for 1st spot of leak (NOTE: Individual block of building considered separately).                                                                                           | no   | 24.48          |
| RF.166 | Investigate and cure leak in tiled roof including providing new tiles not exceeding 0.50sq m in area to match existing for each additional spot of leak (NOTE: Individual block of building considered separately).                                                                               | no   | 14.62          |

| S/No   | Description                                                                                                                                                                                                                                                                       | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.167 | Seal existing nail or bolts heads with bituminous sealing compound on corrugated roofing sheets (Measured net area from mid-point of nail heads).                                                                                                                                 | sq m | 1.36           |
| RF.168 | Seal existing nail or bolts heads with liquid-applied membrane of heavy duty acrylic polymer reinforced fiber glass on corrugated roofing sheets (Measured net area from mid-point of nail heads).                                                                                | sq m | 4.08           |
| RF.169 | Seal existing side and end laps with bituminous sealing compound irrespective of girth inclusive of cement mortar where necessary.                                                                                                                                                | m    | 1.36           |
| RF.170 | Seal existing side and end laps with liquid applied membrane of heavy duty acrylic polymer reinforced by fiber glass.                                                                                                                                                             | m    | 4.25           |
| RF.171 | Supply labour and material to bend deck flange at existing metal roof decking.                                                                                                                                                                                                    | m    | 2.47           |
| RF.172 | Take out existing roof sheeting, seal side and end laps with sealing compound and relay including new drive nails and washers or hook bolts and washers (new roof sheeting measured separately).                                                                                  | sq m | 10.29          |
| RF.173 | Remove existing dead light including frame, glass, etc. and make good to surrounds to receive new, or tiles or roofing sheets to match existing and including removing debris off site (Tiles, roofing sheets and extra roofing joists measured separately).                      | sq m | 22.02          |
| RF.174 | Remove existing latern light including frame, glass, etc. and make good to surrounds to receive new, or tiles or roofing sheets to match existing and including removing debris off site (Tiles, roofing sheets and extra roofing joists measured separately) (measured on plan). | sq m | 33.07          |
| RF.175 | Supply and fix 16 mm diameter steel sag rod exceeding 500 mm and n.e. 800 m long including bolts, nuts and washers.                                                                                                                                                               | no   | 6.72           |
| RF.176 | Supply and install 150 mm wide "Emfiband" to roof.                                                                                                                                                                                                                                | m    | 8.67           |
| RF.177 | Formstar clear/coloured weather proof coatings system on flat surfaces laid to fall not exceeding 50sq m.                                                                                                                                                                         | sq m | 17.17          |
| RF.178 | Formstar clear/coloured weather proof coatings system on flat surfaces laid to fall exceeding 50sq m.                                                                                                                                                                             | sq m | 15.81          |
| RF.179 | Formstar clear/coloured weather proof coatings system on wall, parapet wall, plinth gutter, skirting, upstand and the like exceeding 150 mm girth.                                                                                                                                | sq m | 17.85          |
| RF.180 | Prepare new roof decking and apply 2 coats of Flinkote PF 4 or Shellkote Type 3.                                                                                                                                                                                                  | sq m | 7.74           |
| RF.181 | Prepare new metal or concrete roof decking and apply 2 coats of bitumen solution and 2 coats santex-matt coating.                                                                                                                                                                 | sq m | 9.01           |
| RF.182 | Prepare existing metal or concrete roof decking previously painted with sandtex-matt coating, clean and apply 2 coats of sandtex-matt coating.                                                                                                                                    | sq m | 7.74           |
| RF.183 | Prepare new wall cladding and apply 2 coats of Flinkote PF 4 or Shellkote Type 3.                                                                                                                                                                                                 | sq m | 8.25           |
| RF.184 | Prepare new wall cladding and apply 2 coats of bitumen solution and 2 coats santex-matt coating.                                                                                                                                                                                  | sq m | 9.52           |
| RF.185 | Prepare existing wall cladding previously painted with sandtex-matt coating, clean and apply 2 coats of sandtex-matt coating.                                                                                                                                                     | sq m | 8.25           |
| RF.186 | Brush down and apply one coat of approved bituminous base aluminium solution formulated with high grade bitumen and finely divided aluminium on surfaces of roofing felt, asphalt, concrete, etc.                                                                                 | sq m | 4.68           |
| RF.187 | Brush down and apply 3 coats of rubberized flat paint on cement rendering surface                                                                                                                                                                                                 | sq m | 14.71          |
| RF.188 | Prepare existing surfaces of cement rendering, etc. and wash down to receive finishing.                                                                                                                                                                                           | sq m | 1.45           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.189 | Supply and apply Vandex waterproofing compound to concrete surface including labour and materials for surface preparation, etc. in accordance with manufacturer's instructions.                                                                                                                                                                                                                                                                                                                                                                                                          | sq m | 20.4           |
| RF.190 | Supply and apply QUIC-seal 102 water proofing compound to concrete surfaces including labour and materials for surface preparation, etc. in accordance with manufacturer's instructions.                                                                                                                                                                                                                                                                                                                                                                                                 | sq m | 12.16          |
| RF.191 | Supply and apply QUIC-seal 102 waterproofing compound to concrete surfaces including labour and materials for surface preparation, etc. in accordance with manufacturer's instructions.                                                                                                                                                                                                                                                                                                                                                                                                  | sq m | 14.79          |
| RF.192 | Supply and lay Bituthene 3000 waterproofing membrane to concrete surface including labour and materials for surface preparation and apply one coat of bituthene primer to receive waterproofing membrane, all as specified and in accordance with the manufacturer's instructions (rate inclusive of the provision of a 10-year warranty).                                                                                                                                                                                                                                               | sq m | 11.73          |
| RF.193 | Prepare and apply Bituthene EM3000 elastomeric sealant in and including forming of 25 mm width chases in concrete structure, all in accordance with manufacturer's instructions.                                                                                                                                                                                                                                                                                                                                                                                                         | m    | 6.21           |
| RF.194 | Supply and lay approved felt as protective cover to Bituthene 3000 waterproofing membrane including EM3000 mastic adhesive.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | sq m | 6.63           |
| RF.195 | Supply and lay over flat roof in 1mx1m x25mm thick panels in cement and sand (1:2) mortar mixed with Sika waterproofing compound as per manufacturer's instructions in the proportion of 2.3 kg of waterproofing compound to 45 kg of cement and 10 m joints subsequently filled with and including bituminous compound.                                                                                                                                                                                                                                                                 | sq m | 18.36          |
| RF.196 | Break up existing cement panels, clean up surface and remove debris, hack to form key and supply and lay one layer of Bituprimer and one layer of Asbestumen, each layer is to be about 1.6 mm thick; supply and lay over the Bituprima layer 25 mm thick cement and sand (1:2) mortar mixed with waterproofing compound of Sika or other approved waterproofing compound in accordance with the manufacturer's instructions. The cement and sand mortar shall be laid in panels of not more than 1 m x 1 m square with joints 10 mm wide filled with and including bituminous compound. | sq m | 40.8           |
| RF.197 | Supply and lay new Bituflex BF-160 self-adhesive waterproof membrane to existing roof surfaces all in accordance with the manufacturer's instructions.                                                                                                                                                                                                                                                                                                                                                                                                                                   | sq m | 16.83          |
| RF.198 | Supply and lay one coat of Bituprima or Bituproof prior to the application of bitumastic compound as a base.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | sq m | 3.57           |
| RF.199 | Supply and lay one layer of Bituprima and one layer of Asbestumen bitumastic solution to an average thickness of 1.6 mm each layer.                                                                                                                                                                                                                                                                                                                                                                                                                                                      | sq m | 6.29           |
| RF.200 | Prepare existing flat roof by removing all bituminous joints, plants, debris, etc., cleaning and filling up grooves, cracks etc. with approved sealant and wash clean to receive new roofing. (NOTE: New screed measured                                                                                                                                                                                                                                                                                                                                                                 | sq m | 4.93           |
| RF.201 | separately). On flat surfaces laid to fall not exceeding 50sq m, 2.1 mm thick "Nuralite" roof covering system laid in panels of 2.40 m x 0.90 m.                                                                                                                                                                                                                                                                                                                                                                                                                                         | sq m | 48.45          |
| RF.202 | On flat surfaces laid to fall not exceeding 50sq m, 2.00 mm thick "Carbofol" roof covering system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | sq m | 37.74          |
| RF.203 | On flat surfaces laid to fall not exceeding 50sq m, 1.00 mm thick "Skellurup Butyclad" roof covering system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | sq m | 53.55          |
| RF.204 | On flat surfaces laid to fall not exceeding 50sq m, Traffigard roof covering.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | sq m | 40.72          |

| S/No   | Description                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.205 | On flat surfaces laid to fall not exceeding 50sq m, Formstar Clear/Colour roof covering.                                                                                                         | sq m | 17.17          |
| RF.206 | On flat surfaces laid to fall not exceeding 50sq m, 4 mm thick "Polygum" roof covering system.                                                                                                   | sq m | 40.12          |
| RF.207 | On flat surfaces laid to fall not exceeding 50sq m, 4 mm thick "Index" roof covering system.                                                                                                     | sq m | 19.81          |
| RF.208 | On flat surfaces laid to fall not exceeding 50sq m, 4.50 mm thick "Index Mineral Green" roof covering system.                                                                                    | sq m | 28.39          |
| RF.209 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, 2.1 mm thick "Nuralite" roof covering system laid in panels of 2.40 m x 0.90m. | sq m | 53.38          |
| RF.210 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, 2.00 mm thick "Carbofol" roof covering system.                                 | sq m | 41.48          |
| RF.211 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, 1.00 mm thick "Skellurup Butyclad" roof covering system.                       | sq m | 58.99          |
| RF.212 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, Traffigard roof covering.                                                      | sq m | 44.8           |
| RF.213 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, Formstar Clear/Colour roof covering.                                           | sq m | 17.85          |
| RF.214 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, 4 mm thick "Polygum" roof covering system.                                     | sq m | 42.76          |
| RF.215 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, 4 mm thick "Index" roof covering system.                                       | sq m | 21.76          |
| RF.216 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like not exceeding 50sq m, 4.50 mm thick "Index Mineral Green" roof covering system.                      | sq m | 31.2           |
| RF.217 | On flat surfaces laid to fall exceeding 50sq m, 2.1 mm thick "Nuralite" roof covering system laid in panels of 2.40 m x 0.90 m.                                                                  | sq m | 35.36          |
| RF.218 | On flat surfaces laid to fall exceeding 50sq m, 2.00 mm thick "Carbofol" roof covering system.                                                                                                   | sq m | 31.45          |
| RF.219 | On flat surfaces laid to fall exceeding 50sq m, 1.00 mm thick "Skellurup Butyclad" roof covering system.                                                                                         | sq m | 49.3           |
| RF.220 | On flat surfaces laid to fall exceeding 50sq m, Traffigard roof covering.                                                                                                                        | sq m | 27.88          |
| RF.221 | On flat surfaces laid to fall exceeding 50sq m, Formstar Clear/Colour roof covering.                                                                                                             | sq m | 15.81          |
| RF.222 | On flat surfaces laid to fall exceeding 50sq m, 4 mm thick "Polygum" roof covering system.                                                                                                       | sq m | 32.98          |
| RF.223 | On flat surfaces laid to fall exceeding 50sq m, 4 mm thick "Index" roof covering system.                                                                                                         | sq m | 18.28          |
| RF.224 | On flat surfaces laid to fall exceeding 50sq m, 4.50 mm thick "Index Mineral Green" roof covering system.                                                                                        | sq m | 26.18          |
| RF.225 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, 2.1 mm thick "Nuralite" roof covering system laid in panels of 2.40 m x 0.90 m.    | sq m | 38.59          |
| RF.226 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, 2.00 mm thick "Carbofol" roof covering system.                                     | sq m | 34.6           |

| S/No   | Description                                                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.227 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, 1.00 mm thick "Skellurup Butyclad" roof covering system.                   | sq m | 53.55          |
| RF.228 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, Traffigard roof covering.                                                  | sq m | 30.01          |
| RF.229 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, Formstar Clear/Colour roof covering.                                       | sq m | 16.49          |
| RF.230 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, 4 mm thick "Polygum" roof covering system.                                 | sq m | 40.72          |
| RF.231 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, 4 mm thick "Index" roof covering system.                                   | sq m | 20.83          |
| RF.232 | Supply & lay on wall, parapat wall, conc. plinth, rc gutter, skirting, upstand and the like exceeding 50sq m, 4.50 mm thick "Index Mineral Green" roof covering system.                  | sq m | 30.01          |
| RF.233 | Dressing around vent pipes/rainwater outlets and the like, 2.1 mm thick "Nuralite" roof covering system laid in panels of 2.40 m x 0.90 m.                                               | no   | 18.53          |
| RF.234 | Dressing around vent pipes/rainwater outlets and the like, 2.00 mm thick "Carbofol" roof covering system.                                                                                | no   | 18.53          |
| RF.235 | Dressing around vent pipes/rainwater outlets and the like, 1.00 mm thick "Skellurup Butyclad" roof covering system.                                                                      | no   | 11.82          |
| RF.236 | Dressing around vent pipes/rainwater outlets and the like, Traffigard roof covering.                                                                                                     | no   | 9.35           |
| RF.237 | Dressing around vent pipes/rainwater outlets and the like, 4 mm thick "Polygum" roof covering system.                                                                                    | no   | 18.53          |
| RF.238 | Dressing around vent pipes/rainwater outlets and the like, 4 mm thick "Index" roof covering system.                                                                                      | no   | 18.53          |
| RF.239 | Dressing around vent pipes/rainwater outlets and the like, 4.50 mm thick "Index Mineral Green" roof covering system.                                                                     | no   | 18.53          |
| RF.240 | On flat surfaces laid to fall not exceeding 50sq m, 0.9mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.                                                                | sq m | 35.87          |
| RF.241 | On flat surfaces laid to fall not exceeding 50sq m, 1.2mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.                                                                | sq m | 40.72          |
| RF.242 | On flat surfaces laid to fall not exceeding 50sq m, 0.9mm "Hypalon Uniroof Reinforced Membrane" roof covering system.                                                                    | sq m | 42.67          |
| RF.243 | On flat surfaces laid to fall not exceeding 50sq m, 1.2mm "Hypalon Uniroof Reinforced Membrane" roof covering system.                                                                    | sq m | 43.95          |
| RF.244 | On flat surfaces laid to fall not exceeding 50sq m, 3mm "Uniflame" Polyester Based Torch-On roof covering system.                                                                        | sq m | 28.99          |
| RF.245 | On flat surfaces laid to fall not exceeding 50sq m, 4mm "Uniflame" Polyester Based Torch-On roof covering system.                                                                        | sq m | 31.11          |
| RF.246 | On flat surfaces laid to fall not exceeding 50sq m, "Duraroof" Polyurethane Based Liquid Membrane roof covering system.                                                                  | sq m | 33.24          |
| RF.247 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 0.9mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system. | sq m | 39.44          |
| RF.248 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 1.2mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system. | sq m | 44.8           |
| RF.249 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 0.9mm "Hypalon Uniroof Reinforced Membrane" roof covering system.     | sq m | 46.92          |

| S/No   | Description                                                                                                                                                                            | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.250 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 1.2mm "Hypalon Uniroof Reinforced Membrane" roof covering system.   | sq m | 48.37          |
| RF.251 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 3mm "Uniflame" Polyester Based Torch-On rooof covering system.      | sq m | 31.79          |
| RF.252 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 4mm "Uniflame" Polyester Based Torch-On rooof covering system.      | sq m | 34.26          |
| RF.253 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, "Duraroof" Polyurethane Based Liquid Membrane roof covering system. | sq m | 36.64          |
| RF.254 | On flat surfaces laid to fall exceeding 50sq m, 0.9mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.                                                                  | sq m | 35.36          |
| RF.255 | On flat surfaces laid to fall exceeding 50sq m, 1.2mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.                                                                  | sq m | 39.7           |
| RF.256 | On flat surfaces laid to fall exceeding 50sq m, 0.9mm "Hypalon Uniroof Reinforced Membrane" roof covering system.                                                                      | sq m | 40.72          |
| RF.257 | On flat surfaces laid to fall exceeding 50sq m, 1.2mm "Hypalon Uniroof Reinforced Membrane" roof covering system.                                                                      | sq m | 42.84          |
| RF.258 | On flat surfaces laid to fall exceeding 50sq m, 3mm "Uniflame" Polyester Based Torch-On roof covering system.                                                                          | sq m | 27.54          |
| RF.259 | On flat surfaces laid to fall exceeding 50sq m, 4mm "Uniflame" Polyester Based Torch-On roof covering system.                                                                          | sq m | 28.56          |
| RF.260 | On flat surfaces laid to fall exceeding 50sq m, "Duraroof" Polyurethane Based Liquid Membrane roof covering system.                                                                    | sq m | 32.13          |
| RF.261 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 0.9mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.   | sq m | 38.93          |
| RF.262 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 1.2mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.   | sq m | 43.69          |
| RF.263 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 0.9mm "Hypalon Uniroof Reinforced Membrane" roof covering system.       | sq m | 44.8           |
| RF.264 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 1.2mm "Hypalon Uniroof Reinforced Membrane" roof covering system.       | sq m | 47.09          |
| RF.265 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 3mm "Uniflame" Polyester Based Torch-On roof covering system.           | sq m | 30.26          |
| RF.266 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 4mm "Uniflame" Polyester Based Torch-On roof covering system.           | sq m | 31.45          |
| RF.267 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, "Duraroof" Polyurethane Based Liquid Membrane roof covering system.     | sq m | 35.36          |
| RF.268 | Dressing around vent pipes/rainwater outlets and the like, 0.9mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.                                                       | no   | 18.53          |

| S/No   | Description                                                                                                                                                                                                                                                                                    | Unit         | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| RF.269 | Dressing around vent pipes/rainwater outlets and the like, 1.2mm "Hypalon Uniroof Membrane" - Fibre Backed roof covering system.                                                                                                                                                               | no           | 18.53          |
| RF.270 | Dressing around vent pipes/rainwater outlets and the like, 0.9mm "Hypalon Uniroof Reinforced Membrane" roof covering system.                                                                                                                                                                   | no           | 18.53          |
| RF.271 | Dressing around vent pipes/rainwater outlets and the like, 1.2mm "Hypalon Uniroof Reinforced Membrane" roof covering system.                                                                                                                                                                   | no           | 18.53          |
| RF.272 | Dressing around vent pipes/rainwater outlets and the like, 3mm "Uniflame" Polyester Based Torch-On roof covering system.                                                                                                                                                                       | no           | 18.53          |
| RF.273 | Dressing around vent pipes/rainwater outlets and the like, 4mm "Uniflame" Polyester Based Torch-On roof covering system.                                                                                                                                                                       | no           | 18.53          |
| RF.274 | Dressing around vent pipes/rainwater outlets and the like, "Duraroof" Polyurethane Based Liquid Membrane roof covering system.                                                                                                                                                                 | no           | 18.53          |
| RF.275 | On flat surfaces laid to fall not exceeding 50sq m, "Chevaline Dexx" Liquid Applied Membrane Roof Covering System.                                                                                                                                                                             | sq m         | 28.05          |
| RF.276 | On flat surfaces laid to fall not exceeding 50sq m, "Vulken 801" Liquid Applied Elastomeric Membrane Roof Covering System.                                                                                                                                                                     | sq m         | 44.97          |
| RF.277 | On flat surfaces laid to fall not exceeding 50sq m, 2 mm thick "L & M Santac" Sheet.                                                                                                                                                                                                           | sq m         | 43.01          |
| RF.278 | On flat surfaces laid to fall not exceeding 50sq m, 3mm "Impec" Roof Covering System.                                                                                                                                                                                                          | sq m         | 20.4           |
| RF.279 | On flat surfaces laid to fall not exceeding 50sq m, 4mm "Impec" Roof Covering System.                                                                                                                                                                                                          | sq m         | 21.93          |
| RF.280 | On flat surfaces laid to fall not exceeding 50sq m, 4.5 mm thick "Imper" Mineral Green Roof Covering System. Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, "Chevaline Dexx" Liquid Applied Membrane Roof Covering System. | sq m<br>sq m | 29.07          |
| RF.281 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, "Vulken 801" Liquid Applied Elastomeric Membrane Roof Covering System.                                                                                                      | sq m         | 30.94          |
| RF.282 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 2 mm thick "L & M Santac" Sheet.                                                                                                                                            | sq m         | 49.47          |
| RF.283 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 3mm "Impec" Roof Covering System.                                                                                                                                           | sq m         | 47.86          |
| RF.284 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 4mm "Impec" Roof Covering System.                                                                                                                                           | sq m         | 22.44          |
| RF.285 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like not exceeding 50sq m, 4.5 mm thick "Imper" Mineral Green Roof Covering System.                                                                                                                    | sq m         | 23.46          |
| RF.286 | On flat surfaces laid to fall exceeding 50sq m, "Chevaline Dexx" Liquid Applied Membrane Roof Covering System.                                                                                                                                                                                 | sq m         | 31.11          |
| RF.287 | On flat surfaces laid to fall exceeding 50sq m, "Vulken 801" Liquid Applied Elastomeric Membrane Roof Covering System.                                                                                                                                                                         | sq m         | 25.84          |
| RF.288 | On flat surfaces laid to fall exceeding 50sq m, 2 mm thick "L & M Santac" Sheet.                                                                                                                                                                                                               | sq m         | 40.21          |
| RF.289 | On flat surfaces laid to fall exceeding 50sq m, 3mm "Impec" Roof Covering System.                                                                                                                                                                                                              | sq m         | 40.72          |

### BW-85

| S/No   | Description                                                                                                                                                                           | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| RF.290 | On flat surfaces laid to fall exceeding 50sq m, 4mm "Impec" Roof Covering System.                                                                                                     | sq m | 18.36          |
| RF.291 | On flat surfaces laid to fall exceeding 50sq m, 4.5 mm thick "Imper" Mineral Green Roof Covering System.                                                                              | sq m | 19.89          |
| RF.292 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, "Chevaline Dexx" Liquid Applied Membrane Roof Covering System.         | sq m | 27.54          |
| RF.293 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, "Vulken 801" Liquid Applied Elastomeric Membrane Roof Covering System. | sq m | 28.39          |
| RF.294 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 2 mm thick "L & M Santac" Sheet.                                       | sq m | 44.29          |
| RF.295 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 3mm "Impec" Roof Covering System.                                      | sq m | 44.8           |
| RF.296 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 4mm "Impec" Roof Covering System.                                      | sq m | 20.4           |
| RF.297 | Supply & lay on wall, parapet wall, conc. Plinth, rc gutter, skirting, upstands and the like exceeding 50sq m, 4.5 mm thick "Imper" Mineral Green Roof Covering System.               | sq m | 21.93          |
| RF.298 | Dressing around vent pipes/rainwater outlets and the like, "Chevaline Dexx" Liquid Applied Membrane Roof Covering System.                                                             | sq m | 29.58          |
| RF.299 | Dressing around vent pipes/rainwater outlets and the like, "Vulken 801" Liquid Applied Elastomeric Membrane Roof Covering System.                                                     | sq m | 18.53          |
| RF.300 | Dressing around vent pipes/rainwater outlets and the like, 2 mm thick "L $\&$ M Santac" Sheet.                                                                                        | sq m | 9.35           |
| RF.301 | Dressing around vent pipes/rainwater outlets and the like, 3mm "Impec" Roof Covering System.                                                                                          | sq m | 15.3           |
| RF.302 | Dressing around vent pipes/rainwater outlets and the like, 4mm "Impec" Roof Covering System.                                                                                          | sq m | 14.79          |
| RF.303 | Dressing around vent pipes/rainwater outlets and the like, 4.5 mm thick "Imper" Mineral Green Roof Covering System.                                                                   | sq m | 14.79          |

# 5. CARPENTER

| S/No | Description                  | Unit | Unit Cost (\$) |
|------|------------------------------|------|----------------|
| CP.1 | Timber fixed in sawn Chengal | cu m | 487.14         |
| CP.2 | Timber fixed in wrot Chengal | cu m | 2550           |
| CP.3 | Timber fixed in sawn Kapur   | cu m | 1462.6         |
| CP.4 | Timber fixed in wrot Kapur   | cu m | 1632           |
| CP.5 | Timber fixed in sawn Balau   | cu m | 1805.06        |
| CP.6 | Timber fixed in wrot Balau   | cu m | 2150.5         |
| CP.7 | Timber fixed in sawn Keruing | cu m | 1215.5         |

| S/No  | Description                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.8  | Timber fixed in wrot Keruing                                                                                                                                                                                         | cu m | 1402.5         |
| CP.9  | Timber fixed in sawn Kempas                                                                                                                                                                                          | cu m | 1178.7         |
| CP.10 | Timber fixed in wrot Kempas                                                                                                                                                                                          | cu m | 1309           |
| CP.11 | Add to items (CP001) to (CP005) above if in prefabricated roof trusses for transporting, hoisting and fixing in position not exceeding 6 m high and including bolts, screws, fixing plates etc.                      | cu m | 180.03         |
| CP.12 | Add to items (CP001) to (CP005) above if in prefabricated roof trusses for transporting, hoisting and fixing in position exceeding 6 m and not exceeding 9m high and including bolts, screws, fixing plates etc.     | cu m | 189.04         |
| CP.13 | Add to items (CP001) to (CP005) above if in prefabricated roof trusses for transporting, hoisting and fixing in position exceeding 9 m and not exceeding 12m high and including bolts, screws, fixing plates etc.    | cu m | 198.05         |
| CP.14 | Add to items (CP001) to (CP005) above if fixed in repairs to replace old and decayed timber, remove off site and including all strutting, steel straps splicing etc and making good damaged or missing.              | cu m | 224.4          |
| CP.15 | Add to items (CP001) to (CP005) if pressure impregnated timber is used.                                                                                                                                              | cu m | 92.48          |
| CP.16 | Extra over structural timber for pressure impregnation with a suitable wood preservative to an average dry sact retention of 5.6 kg/cu m and complying with SS 72 and treated in accordance with SS CP1.             | cu m | 62.65          |
| CP.17 | 19mm wrot plain Chengal square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately) | sq m | 41.14          |
| CP.18 | 25mm wrot plain Chengal square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately) | sq m | 47.69          |
| CP.19 | 28mm wrot plain Chengal square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately) | sq m | 52.36          |
| CP.20 | 38mm wrot plain Chengal square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately) | sq m | 61.71          |
| CP.21 | 19mm wrot plain Kapur square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)   | sq m | 31.88          |
| CP.22 | 25mm wrot plain Kapur square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)   | sq m | 36.04          |
| CP.23 | 28mm wrot plain Kapur square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)   | sq m | 37.4           |
| CP.24 | 38mm wrot plain Kapur square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)   | sq m | 41.14          |
| CP.25 | 19mm wrot plain Balau square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)   | sq m | 23.38          |

| S/No  | Description                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.26 | 25mm wrot plain Balau square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)           | sq m | 38.34          |
| CP.27 | 28mm wrot plain Balau square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)           | sq m | 44.88          |
| CP.28 | 38mm wrot plain Balau square edge boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)           | sq m | 48.62          |
| CP.29 | Take out existing plain edge board (any thickness) and remove off site.                                                                                                                                                      | sq m | 2.13           |
| CP.30 | Take out existing plain edge board (any thickness) in floor, partition, table top, fitment, etc relay and recramp (bearer and new boarding measured separately).                                                             | sq m | 7.23           |
| CP.31 | 50 x 25mm sawn kapur, balau or keruing battens for tiles including tanalising or two coats wood preservative and removal of old battens if necessary                                                                         | m    | 1.45           |
| CP.32 | 50 x 40mm sawn kapur, balau or keruing battens for tiles including tanalising or two coats wood preservative and removal of old battens if necessary                                                                         | m    | 1.87           |
| CP.33 | 75 x 25mm sawn kapur, balau or keruing battens for tiles including tanalising or two coats wood preservative and removal of old battens if necessary                                                                         | m    | 2.04           |
| CP.34 | Fascia or barge boards including taking down existing members.                                                                                                                                                               | cu m | 955.57         |
| CP.35 | 13mm thick wrot Chengal tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in                                                                                      | sq m |                |
|       | patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                                                                                                         |      | 38.25          |
| CP.36 | 19mm thick wrot Chengal tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers                      | sq m | 47.69          |
| CP.37 | measured separately) 25mm thick wrot Chengal tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in                                                                 | sq m |                |
| CD 20 | patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                                                                                                         |      | 55.17          |
| CP.38 | 28mm thick wrot Chengal tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately) | sq m | 60.78          |
| CP.39 | 38mm thick wrot Chengal tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers                      | sq m | 72             |
| CP.40 | measured separately) 13mm thick wrot Kapur tongued and grooved boarding to floors, shelves,                                                                                                                                  | sq m |                |
|       | fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                                          |      | 28.05          |
| CP.41 | 19mm thick wrot Kapur tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)   | sq m | 36.47          |

| S/No  | Description                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.42 | 25mm thick wrot Kapur tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 42.08          |
| CP.43 | 28mm thick wrot Kapur tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 47.69          |
| CP.44 | 38mm thick wrot Kapur tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 51.43          |
| CP.45 | 13mm thick wrot Balau tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 24.31          |
| CP.46 | 19mm thick wrot Balau tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 28.99          |
| CP.47 | 25mm thick wrot Balau tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 44.88          |
| CP.48 | 28mm thick wrot Balau tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 50.49          |
| CP.49 | 38mm thick wrot Balau tongued and grooved boarding to floors, shelves, fitments, partitions, ceiling, etc in new or existing work (in patches) well cramped up, nailed or screwed to bearers (bearers measured separately)                                                | sq m | 57.97          |
| CP.50 | Take out existing tongued and grooved boarding (any thickness) and remove off site.                                                                                                                                                                                       | sq m | 2.55           |
| CP.51 | Extra over for pressure impreganted timber boards (any thickness).                                                                                                                                                                                                        | sq m | 2.21           |
| CP.52 | 20mm thick tongued and grooved ramin boarding including sanding and polishing surface all according to specialist's instructions.                                                                                                                                         | sq m | 89.76          |
| CP.53 | 20mm thick tongued and grooved ramin boarding including sanding and polishing surface all according to specialist's instructions including bearers below.                                                                                                                 | sq m | 94.44          |
| CP.54 | Sawn Kapur, ledged and braced shutters or doors with 19mm butt jointed boarding on 19 mm ledges and braces hung in frames.(Rate does not include framess, glazing, wire gauze and ironmongery)                                                                            | sq m | 55.34          |
| CP.55 | Wrot Kapur, ledged and braced shutters or doors with 19mm butt jointed boarding on 19 mm ledges and braces hung in frames. (Rate does not include framess, glazing, wire gauze and ironmongery)                                                                           | sq m | 68.09          |
| CP.56 | 25mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames. | sq m | 116.88         |
| CP.57 | 38mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames. | sq m | 136.51         |
| CP.58 | 44mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames. | sq m | 145.86         |

| S/No  | Description                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.59 | 50mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames. | sq m | 149.6          |
| CP.60 | 25mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.   | sq m | 82.28          |
| CP.61 | 38mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.   | sq m | 96.31          |
| CP.62 | 44mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.   | sq m | 101.92         |
| CP.63 | 50mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of tongued, grooved and v-jointed match boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.   | sq m | 110.33         |
| CP.64 | 25mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                         | sq m | 110.33         |
| CP.65 | 38mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                         | sq m | 126.23         |
| CP.66 | 44mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                         | sq m | 130.9          |
| CP.67 | 50mm thick wrot Chengal framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                         | sq m | 134.64         |
| CP.68 | 25mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                           | sq m | 70.13          |
| CP.69 | 38mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                           | sq m | 86.02          |
| CP.70 | 44mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                           | sq m | 91.63          |
| CP.71 | 50mm thick wrot Kapur framed, ledged and braced shutters or doors (partly glazed if necessary) comprising of butt jointed boarding fixed to frames, ledges and braces to make up the total thickness stated including hanging onto door frames.                           | sq m | 100.05         |

| S/No  | Description                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.72 | 25mm thick Chengal casement or door in panels open to receive glass, waterproof plywood or wire gauze with rebated and moulded rails, stiles,                                                                                                                          | sq m |                |
|       | glazing or diving bars and pinned heads including hanging onto door frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)                                                                                                              |      | 78.54          |
| CP.73 | 38 mm thick Chengal casement or door in panels open to receive glass, waterproof plywood or wire gauze with rebated and moulded rails, stiles, glazing or diving bars and pinned heads including hanging onto door                                                     | sq m | 00.03          |
| 00.74 | frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)                                                                                                                                                                                  |      | 88.83          |
| CP.74 | 44 mm thick Chengal casement or door in panels open to receive glass, waterproof plywood or wire gauze with rebated and moulded rails, stiles,                                                                                                                         | sq m |                |
|       | glazing or diving bars and pinned heads including hanging onto door frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)                                                                                                              |      | 92.57          |
| CP.75 | 50 mm thick Chengal casement or door in panels open to receive glass, waterproof plywood or wire gauze with rebated and moulded rails, stiles, glazing or diving bars and pinned heads including hanging onto door                                                     | sq m |                |
|       | frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)                                                                                                                                                                                  |      | 96.31          |
| CP.76 | 25mm thick Kapur casement or door in panels open to receive glass, waterproof plywood or wire gauze with rebated and moulded rails, stiles, glazing or diving bars and pinned heads including hanging onto door                                                        | sq m |                |
| CP.77 | frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)  38 mm thick Kapur casement or door in panels open to receive glass,                                                                                                             | sq m | 63.58          |
|       | waterproof plywood or wire gauze with rebated and moulded rails, stiles, glazing or diving bars and pinned heads including hanging onto door frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured                                                 |      | 70.13          |
| CP.78 | separately)  44 mm thick Kapur casement or door in panels open to receive glass,                                                                                                                                                                                       | sq m | 70.13          |
| 00    | waterproof plywood or wire gauze with rebated and moulded rails, stiles, glazing or diving bars and pinned heads including hanging onto door                                                                                                                           | 39   |                |
|       | frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)                                                                                                                                                                                  |      | 73.87          |
| CP.79 | 50 mm thick Kapur casement or door in panels open to receive glass, waterproof plywood or wire gauze with rebated and moulded rails, stiles, glazing or diving bars and pinned heads including hanging onto door                                                       | sq m |                |
| CD 00 | frames (nb: infill panels of glass/plywood/wire gauze, etc to be measured separately)                                                                                                                                                                                  |      | 77.61          |
| CP.80 | 25mm thick Chengal panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured separately). | sq m | 96.31          |
| CP.81 | 38 mm thick Chengal panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured sepa        | sq m | 100.05         |
| CP.82 | 44 mm thick Chengal panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with                                                                                                                       | sq m |                |
|       | rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured separately).                                                                                                                                                 |      | 104.72         |

| S/No  | Description                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.83 | 50 mm thick Chengal panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured sepa      | sq m | 110.33         |
| CP.84 | 25mm thick Kapur panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured separately)  | sq m | 71.06          |
| CP.85 | 38 mm thick Kapur panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured separately) | sq m | 78.54          |
| CP.86 | 44 mm thick Kapur panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured separately) | sq m | 82.28          |
| CP.87 | 50 mm thick Kapur panelled casement or door partly panelled with solid timber or plywood not exceeding 12mm thick partly open for glazing with rebated and moulded rails, stiles, glazing beads including hanging onto door frames (glass panel measured separately) | sq m | 86.02          |
| CP.88 | 38mm thick Chengal louvred casement or comprising of twice splayed louvres fixed at an angle of 60 degrees not more than 40mm apart and rebated and moulded and stiles including hanging onto frames.                                                                | sq m | 94.44          |
| CP.89 | 44 mm thick Chengal louvred casement or comprising of twice splayed louvres fixed at an angle of 60 degrees not more than 40mm apart and rebated and moulded and stiles including hanging onto frames.                                                               | sq m | 100.05         |
| CP.90 | 50 mm thick Chengal louvred casement or comprising of twice splayed louvres fixed at an angle of 60 degrees not more than 40mm apart and rebated and moulded and stiles including hanging onto frames.                                                               | sq m | 103.79         |
| CP.91 | 38mm thick Kapur louvred casement or comprising of twice splayed louvres fixed at an angle of 60 degrees not more than 40mm apart and rebated and moulded and stiles including hanging onto frames.                                                                  | sq m | 74.8           |
| CP.92 | 44 mm thick Kapur louvred casement or comprising of twice splayed louvres fixed at an angle of 60 degrees not more than 40mm apart and rebated and moulded and stiles including hanging onto frames.                                                                 | sq m | 78.54          |
| CP.93 | 50 mm thick Kapur louvred casement or comprising of twice splayed louvres fixed at an angle of 60 degrees not more than 40mm apart and rebated and moulded and stiles including hanging onto frames.                                                                 | sq m | 79.48          |
| CP.94 | 21mm thick covered on both sides with 4 mm thick waterproof plywood hollow flush door or cupboard door comprising of kapur skeleton framing and lipping all round including hanging onto door frames                                                                 | sq m | 43.35          |
| CP.95 | 27mm thick covered on both sides with 6 mm thick waterproof plywood hollow flush door or cupboard door comprising of kapur skeleton framing and lipping all round including hanging onto door frames                                                                 | sq m | 70.13          |
| CP.96 | 31mm thick covered on both sides with 6 mm thick waterproof plywood hollow flush door or cupboard door comprising of kapur skeleton framing and lipping all round including hanging onto door frames                                                                 | sq m | 74.8           |
| CP.97 | 40mm thick covered on both sides with 6 mm thick waterproof plywood hollow flush door or cupboard door comprising of kapur skeleton framing and lipping all round including hanging onto door frames                                                                 | sq m | 84.15          |

| S/No   | Description                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.98  | 43mm thick covered on both sides with 9 mm thick waterproof plywood hollow flush door or cupboard door comprising of kapur skeleton framing and lipping all round including hanging onto door frames         | sq m | 93.5           |
| CP.99  | 37mm thick Kapur hollow flush door comprising of Kapur skeleton framing and lipping all round covered on both sides with waterproof plywood as shown in Appendices 9/10/11including hanging onto door frames | sq m | 78.54          |
| CP.100 | 43mm thick Kapur hollow flush door comprising of Kapur skeleton framing and lipping all round covered on both sides with waterproof plywood as shown in Appendices 9/10/11including hanging onto door frames | sq m | 82.28          |
| CP.101 | 48mm thick Kapur hollow flush door comprising of Kapur skeleton framing and lipping all round covered on both sides with waterproof plywood as shown in Appendices 9/10/11including hanging onto door frames | sq m | 85.43          |
| CP.102 | Extra over above items (CP073 to CP080) for constructing fixed aluminium louvre as shown in Appendices 10C/10D/12/14                                                                                         | sq m | 9.86           |
| CP.103 | Extra over above items (CP073 to CP080) for glazed peephole as shown in Appendices 10A/10B/10C/13/14                                                                                                         | sq m | 5.87           |
| CP.104 | 39mm thick Kapur semi-flush door comprising of hardwood skeleton framing lipping all round including hanging onto door frame including rebated V-jointed Kapur panel as shown in Appendix 15                 | sq m | 93.33          |
| CP.105 | 48mm thick Kapur semi-flush door comprising of hardwood skeleton framing lipping all round including hanging onto door frame including rebated V-jointed Kapur panel as shown in Appendix 15                 | sq m | 100.13         |
| CP.106 | 39mm thick Chengal semi-flush comprising of hardwood skeleton framing lipping all round including hanging onto door frame including rebated V-jointed Chengal panel as shown in Appendix 15                  | sq m | 142.38         |
| CP.107 | 48mm thick Chengal semi-flush door comprising of hardwood skeleton framing lipping all round including hanging onto door frame including rebated V-jointed Chengal panel as shown in Appendix 15             | sq m | 155.13         |
| CP.108 | 38 mm thick Kapur solid core flush door as shown in Appendix 16 comprising of hardwood lipping all round, core strips, plywood and reinforcing bars including hanging onto door frames                       | sq m | 191.25         |
| CP.109 | 50 mm thick Kapur solid core flush door as shown in Appendix 16 comprising of hardwood lipping all round, core strips, plywood and reinforcing bars including hanging onto door frames                       | sq m | 242.25         |
| CP.110 | 38 mm thick Chengal solid core flush door as shown in Appendix 16 comprising of hardwood lipping all round, core strips, plywood and reinforcing bars including hanging onto door frames                     | sq m | 246.5          |
| CP.111 | 50 mm thick Chengal solid core flush door as shown in Appendix 16 comprising of hardwood lipping all round, core strips, plywood and reinforcing bars including hanging onto door frames                     | sq m | 250.75         |
| CP.112 | 38 mm thick Kapur solid panel door as shown in Appendix 17 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames                                                   | sq m | 193.8          |
| CP.113 | 50 mm thick Kapur solid panel door as shown in Appendix 17 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames                                                   | sq m | 263.5          |
| CP.114 | 38 mm thick Chengal solid panel door as shown in Appendix 17 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames                                                 | sq m | 318.75         |
| CP.115 | 50 mm thick Chengal solid panel door as shown in Appendix 17 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames                                                 | sq m | 327.25         |

| S/No   | Description                                                                                                                                                                                                                       | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.116 | 38mm thick Kapur solid panel door including glazed panel as shown in Appendix 18 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames.                                                 | sq m | 199.75         |
| CP.117 | 50mm thick Kapur solid panel door including glazed panel as shown in Appendix 18 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames.                                                 | sq m | 272            |
| CP.118 | 38mm thick Chengal solid panel door including glazed panel as shown in Appendix 18 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames.                                               | sq m | 327.25         |
| CP.119 | 50mm thick Chengal solid panel door including glazed panel as shown in Appendix 18 comprising tongued and grooved battens including reinforcing bars, and hanging onto door frames.                                               | sq m | 333.2          |
| CP.120 | Supply and install approved PVC folding door                                                                                                                                                                                      | sq m | 93.5           |
| CP.121 | Supply and install approved UPVC flush door c/w approved lock and hinges.                                                                                                                                                         | sq m | 98.69          |
| CP.122 | Supply and install a complete set of UPVC door frame.                                                                                                                                                                             | set  | 126.23         |
| CP.123 | 900 x 2100 x 45mm thick, single leaf, Polynorm 1/2 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame          | no   | 794.75         |
| CP.124 | 900 x 2100 x 46mm thick, single leaf, Pyropanel 1/2 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame         | no   | 841.5          |
| CP.125 | 1200 x 2100 x 45mm thick, double unequal leaf, Polynorm 1/2 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame | no   | 1383.8         |
| CP.126 | 1200 x 2100 x 48mm thick, double unequal leaf, Pyropanel 1/2 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer          | no   | 1075.25        |
| CP.127 | and frame 900 x 2100 x 48mm thick, single leaf, Pyropanel 1 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame | no   | 1093.02        |
| CP.128 | 1200 x 2100 x 48 mm thick, single leaf, Pyropanel 1 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame         | no   | 1269.73        |
| CP.129 | 900 x 2100 x 48mm thick, single leaf, Pyropanel 2 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame           | no   | 1205.22        |
| CP.130 | 2100 x 2100 x 48mm thick, double unequal leaf, Pyropanel 2 hour rated timber fire door complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer            | no   | 1398.76        |
| CP.131 | and frame 900x2400x50mm thk,single leaf laminated semi-solid timber flush door with complete ironmongeries (except lockset)                                                                                                       | no   | 578            |
| CP.132 | 1200x2150x50mm thk,11/4 leaf laminated semi-solid timber flush door                                                                                                                                                               | no   | 773.5          |
| CP.133 | with complete ironmongeries (except lockset)  1800x2400x50mm thk,double equal leaf laminated semi-solid timber door with complete ironmongery (except lockset)                                                                    | no   | 884            |
| CP.134 | Supply and fix 36 mm approved fibreglass door c/w approved lock and hinges.                                                                                                                                                       | sq m | 123.42         |

| S/No   | Description                                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.135 | Labour and materials for cutting glazed peephole in door (any size and shape).                                                                                                                                                                                                            | no   | 28.05          |
| CP.136 | Labour and materials for cutting hole in door (any size and shape) and fixed with louvres.                                                                                                                                                                                                | no   | 65.45          |
| CP.137 | Take out ledged and braced shutters or doors not exceeding 3.00sq m (Chengal, Kapur, Keruing, Meranti) replace not more than three ledges and/or braces by new and rehang including carting away old materials (area of door measured).                                                   | sq m | 17.68          |
| CP.138 | Take out ledged and braced shutters or doors exceeding 3.00sq m (Chengal, Kapur, Keruing, Meranti) replace not more than three ledges and/or braces by new and rehang including carting away old materials                                                                                | sq m | 23.04          |
| CP.139 | (area of door measured).  Replace small (not exceeding 0.20sq m) amounts of boarding (Chengal, Kapur, Keruing,  Meranti) in ledged/lipping and braced shutters or doors not exceeding  3.00 sq m including taking down, rehanging and carting away old materials (area of door measured). | sq m | 17.68          |
| CP.140 | Replace small (not exceeding 0.20sq m) amounts of boarding (Chengal, Kapur, Keruing, Meranti) in ledged/lipping and braced shutters or doors exceeding 3.00 sq m including taking down, rehanging and carting away old materials (area of door measured).                                 | sq m | 27.03          |
| CP.141 | Take down framed, ledged/lipping and braced shutters not exceeding 3.00sq m (any type) replace not more than three ledges, frames and/or braces, glazing bars by new and rehang including carting away old materials (area of door measured).                                             | sq m | 20.4           |
| CP.142 | Take down framed, ledged/lipping and braced shutters exceeding 3.00sq m (any type) replace not more than three ledges, frames and/or braces, glazing bars by new and rehang including carting away old materials (area of door measured).                                                 | sq m | 26.01          |
| CP.143 | Replacement small (not exceeding 0.20 sq m) amounts of boarding (any type) in framed ledged and braced shutters or door not exceeding 3.00sq m including taking down, rehanging and removing old boards off site (area of door measured).                                                 | sq m | 25.16          |
| CP.144 | Replacement small (not exceeding 0.20 sq m) amounts of boarding (any type) in framed ledged and braced shutters or door exceeding 3.00sq m including taking down, rehanging and removing old boards off site (area of door measured).                                                     | sq m | 32.64          |
| CP.145 | Take down casement window, shutter or door, etc remove ironmongery and remove remainder off site, or cart away off site. (Rate per leaf not exceeding 3.00 sq m)                                                                                                                          | no   | 4.85           |
| CP.146 | Take down casement window, shutter or door, etc remove ironmongery and remove remainder off site, or cart away off site. (Rate per leaf exceeding 3.00 sq m)                                                                                                                              | sq m | 1.19           |
| CP.147 | Take down casement window, shutter or door, etc not exceeding 3.00sq m, replace wedges, cramp up secure all joints, refix, rehang and adjust ironmongery (new ironmongery measured separately).                                                                                           | no   | 14.11          |
| CP.148 | Take down exisiting alumin door frames and refix to another new position including the provision of all necessary new accessories and making good all works disturbed                                                                                                                     | no   | 10.2           |
| CP.149 | Take down casement window, shutter or door, etc exceeding 3.00sq m, replace wedges, cramp up secure all joints, refix, rehang and adjust ironmongery (new ironmongery measured separately).(Area of door measured.)                                                                       | sq m | 5.87           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.150 | Fix and hang only casement window shutter or door, not exceeding 3.00sq m (excluding supply of new ironmongery and frame).                                                                                                                                                                                                                      | no   | 6.89           |
| CP.151 | Fix and hang only casement window shutter or door, exceeding 3.00sq m (excluding supply of new ironmongery and frame).(area of door measured.)                                                                                                                                                                                                  | sq m | 2.89           |
| CP.152 | Take down casement window or door not exceeding 3.00sq m (any type) take out some or all panels or louvres, prepare rail, styles and muntins as necessary for glazing (including providing beads), replace wedges, cramp up, secure all joints, refix, rehang and adjust ironmongery. (New ironmongery measured separately.)                    | no   | 46.16          |
| CP.153 | Take down casement window or door exceeding 3.00sq m (any type) take out some or all panels or louvres, prepare rail, styles and muntins as necessary for glazing (including providing beads), replace wedges, cramp up, secure all joints, refix, rehang and adjust ironmongery. (New ironmongery measured separately.)(area of door measured) | sq m | 19.3           |
| CP.154 | Take down existing timber door not exceeding 3.00sq m, trim to reduce height or width not exceeding 50mm, including making good paintwork, adjust door and rehang. (New ironmongery measured separately.)                                                                                                                                       | no   | 24.57          |
| CP.155 | Trim to reduce height or width not exceeding 50mm(for door not exceeding 3 sq m), including making good paintwork, adjust door and rehang without taking down existing door. (New ironmongery measured separately.)                                                                                                                             | no   | 7.48           |
| CP.156 | Take down existing timber door exceeding 3.00sq m trim to reduce height or width not exceeding 50mm, including making good paintwork and adjust door. (New ironmongery measured separately.)(area of door measured)                                                                                                                             | sq m | 10.29          |
| CP.157 | Take out one only of either style, muntin or glazing bar in wrot panelled, glazed or louvred casement, shutter or doors (any type) not exceeding 3.00sq m, remove off site and replace the rail, etc by new to match including taking down, splicing, framing up and rehanging as necessary (new ironmongery measured separately)               | no   | 30.52          |
| CP.158 | Replace plywood (any thickness) panels or solid wrot timber panels in windows, shutters or doors exceeding 3.00sq m including taking down, framing up and rehang as necessary, and removing old panels off site (new ironmongery measured separately) (area of door measured)                                                                   | sq m | 18.79          |
| CP.159 | Replace small area (not exceeding 3 louvres) of louvres in windows, shutters or doors exceeding 3.00sq m including taking down, framing up and rehang as necessary, and removing old panels off site (new ironmongery measured separately) (area of door measured)                                                                              | sq m | 20.4           |
| CP.160 | Ease/adjust and trim (when necessary) doors and windows (any type and size) including taking down, rehanging and make good disturbed areas as necessary.                                                                                                                                                                                        | no   | 20.57          |
| CP.161 | Ease/adjust and trim (when necessary) doors and windows (any type and size) without taking down existing door including making good disturbed areas as necessary.                                                                                                                                                                               | no   | 10.88          |
| CP.162 | Labour for preparing existing door jamb to receive new work.                                                                                                                                                                                                                                                                                    | no   | 3.91           |
| CP.163 | Supply & install 12mm thick clear tempered glass door<br>1950mmHx975mmW c/w Dorma bottom pivot hinge                                                                                                                                                                                                                                            | no   | 1271.6         |
| CP.164 | Service Dorma operated auto-swing glass system including EM lock (exclude part replacement)                                                                                                                                                                                                                                                     | no   | 168.3          |
| CP.165 | S & I Dorma ED200 motor assembly for each auto-swing glass door leaf                                                                                                                                                                                                                                                                            | no   | 1683           |

| S/No   | Description                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.166 | Supply & install Dorma bottom pivot hinge including taking down & fix back door leaf, motor and accessories                                                                                                                                                            | no   | 607.75         |
| CP.167 | Supply & install Dorma EM lock including take down & dispose existing part(s) & make good                                                                                                                                                                              | no   | 635.8          |
| CP.168 | Supply and replace ED200A board for 'DORMA' auto glass door.                                                                                                                                                                                                           | no   | 378.68         |
| CP.169 | Extra for encasing new door with 0.5 mm aluminium or glavanised iron sheeting including pinning with non-ferrous nails.                                                                                                                                                | sq m | 21.42          |
| CP.170 | Extra for encasing new door with 0.8 mm aluminium or glavanised iron sheeting including pinning with non-ferrous nails.                                                                                                                                                | sq m | 24.4           |
| CP.171 | Extra for encasing existing door with 0.5 mm aluminium or glavanised iron sheeting including pinning with non-ferrous nails, preparation, taking down and rehanging door.                                                                                              | sq m | 24.23          |
| CP.172 | Extra for encasing existing door with 0.8 mm aluminium or glavanised iron sheeting including pinning with non-ferrous nails, preparation, taking down and rehanging door.                                                                                              | sq m | 27.29          |
| CP.173 | 1 mm thick stainless steel plate fixed to new or existing door, partition etc with approved screws.                                                                                                                                                                    | sq m | 133.71         |
| CP.174 | 2 mm thick stainless steel plate fixed to new or existing door, partition etc with approved screws.                                                                                                                                                                    | sq m | 164.56         |
| CP.175 | 3 mm thick stainless steel plate fixed to new or existing door, partition etc with approved screws.                                                                                                                                                                    | sq m | 203.66         |
| CP.176 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Ramin timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame not exceeding 2,000sq mm cross-sectional area)                            | m    | 8.42           |
| CP.177 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Kapur timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame not exceeding 2,000sq mm cross-sectional area)                            | m    | 8.33           |
| CP.178 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Chengal timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame not exceeding 2,000sq mm cross-sectional area)                          | m    | 8.93           |
| CP.179 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Balau timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame not exceeding 2,000sq mm cross-sectional area)                            | m    | 7.99           |
| CP.180 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Ramin timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 2,000sq mm and not exceeding 4,000sq mm cross-sectional area)   | m    | 13.18          |
| CP.181 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Kapur timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 2,000sq mm and not exceeding 4,000sq mm cross-sectional area)   | m    | 11.48          |
| CP.182 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Chengal timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 2,000sq mm and not exceeding 4,000sq mm cross-sectional area) | m    | 12.67          |

| S/No   | Description                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.183 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Balau timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 2,000sq mm and not exceeding 4,000sq mm cross-sectional area)   | m    | 12.16          |
| CP.184 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Ramin timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 4,000sq mm and not exceeding 6,000sq mm cross-sectional area)   | m    | 21.08          |
| CP.185 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Kapur timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 4,000sq mm and not exceeding 6,000sq mm cross-sectional area)   | m    | 18.53          |
| CP.186 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Chengal timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 4,000sq mm and not exceeding 6,000sq mm cross-sectional area) | m    | 22.78          |
| CP.187 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Balau timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 4,000sq mm and not exceeding 6,000sq mm cross-sectional area)   | m    | 22.44          |
| CP.188 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Ramin timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 6,000sq mm cross-sectional area)                                | m    | 22.95          |
| CP.189 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Kapur timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 6,000sq mm cross-sectional area)                                | m    | 29.24          |
| CP.190 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Chengal timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 6,000sq mm cross-sectional area)                              | m    | 31.79          |
| CP.191 | Frame, head, mullion, transome, studs, cill fitments, joinery, etc in wrot Balau timber worked to the required shape including forming grooves, rebated, throats, weathered edges etc (Frame exceeding 6,000sq mm cross-sectional area)                                | m    | 30.86          |
| CP.192 | Add to any of above items (CP145 to CP160) if pressure impregnated.                                                                                                                                                                                                    | m    | 0.68           |
| CP.193 | Cut out lengths of framing not exceeding 2,000sq mm cross-sectional area to existing door, window, partition, studding, staircase, joinery, fitment etc remove off site, and where necessary prepare cut surface to receive new                                        | m    | 2.81           |
| CP.194 | Cut out lengths of framing exceeding 2,000sq mm and not exceeding 4,000sq mm cross-sectional area to existing door, window, partition, studding, staircase,                                                                                                            | m    |                |
| CP.195 | joinery, fitment etc remove off site, and where necessary prepare cut surface to receive new Cut out lengths of framing exceeding 4,000sq mm cross-sectional area to                                                                                                   | m    | 3.74           |
|        | existing door, window, partition, studding, staircase, joinery, fitment etc remove off site, and where necessary prepare cut surface to receive new (Appendix 19).                                                                                                     |      | 4.25           |
| CP.196 | Labour cutting existing frame to form grooves, rebates, throats, etc not exceeding 1,500sq mm in sectional area.                                                                                                                                                       | m    | 3.4            |

| S/No   | Description                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.197 | Take out existing frame for door, window, etc provide temporary support if necessary, remove off site and make good reveal.                                                                                     | m    | 35.53          |
| CP.198 | Take out existing frame for door, window, etc cramp up re-wedge joint and refix, provide temporary support if necessary, remove off site and make good reveal.                                                  | no   | 43.01          |
| CP.199 | Beads, picture rails, skirtings, architraves, fillets, etc in wrot Remin timber not exceeding 500sq mm in sectional area (irrespective of profile).                                                             | m    | 8.08           |
| CP.200 | Add CP168 for each additional increase of 500sq mm sectional area                                                                                                                                               | m    | 0.94           |
| CP.201 | Beads, picture rails, skirtings, architraves, fillets, etc in wrot Chengal timber not exceeding 500sq mm in sectional area (irrespective of profile).                                                           | m    | 8.42           |
| CP.202 | Add CP170 for each additional increase of 500sq mm sectional area                                                                                                                                               | m    | 0.94           |
| CP.203 | Beads, picture rails, skirtings, architraves, fillets, etc in wrot Kapur timber not exceeding 500sq mm in sectional area (irrespective of profile).                                                             | m    | 7.82           |
| CP.204 | Add CP172 for each additional increase of 500sq mm sectional area                                                                                                                                               | m    | 0.77           |
| CP.205 | Add to any of the above items (CP168 to CP173) if pressure impregnated.                                                                                                                                         | m    | 0.68           |
| CP.206 | Cut out lengths of existing beads, picture rails skirtings, architraves, fillets, etc (any size) remove off site and where necessary prepare cut surface to receive new.                                        | m    | 1.7            |
| CP.207 | Supply and install standard partition comprising sawn Kapur framing not exceeding 4,000sq mm in sectional area fixed at 600mm centre both ways (lining measured separately).                                    | sq m | 14.96          |
| CP.208 | Supply and install standard partition comprising sawn Kapur framing exceeding 4,000sq mm and not exceeding 6,500sq mm in sectional area fixed at 600mm centre both ways (lining measured separately).           | sq m | 16.83          |
| CP.209 | Supply and install standard partition comprising Chengal sawn framing not exceeding 4,000sq mm in sectional area fixed at 600mm centre both ways (lining measured separately)                                   | sq m | 18.87          |
| CP.210 | Supply and install standard partition comprising Chengal sawn framing exceeding 4,000sq mm and not exceeding 6,500sq mm in sectional area fixed at 600mm centre both ways (lining measured separately)          | sq m | 25.16          |
| CP.211 | Take down existing timber partition and remove off site.                                                                                                                                                        | sq m | 7.23           |
| CP.212 | Take down existing timber partition but rebuild in large section using the same material and cart away remaining off site.                                                                                      | sq m | 16.49          |
| CP.213 | Labour and material for cutting opening in partition to receive ducts, telephone tray, etc (any size) and including additional bearers (new opening frame and telephone tray/ducting measured separately).      | no   | 54.49          |
| CP.214 | Making opening in existing timber partition and fix frame (any size) for airconditioner including making good surrounds and cart away debris off site (rate inclusive of new opening frame).                    | no   | 58.65          |
| CP.215 | Supply and install approved toilet compartment consisting of 10mm thick solid compact laminate finished with melamine on both sides c/w stainless steel leg supports etc. (colour of lamination to be approved) | sq m | 220.92         |
| CP.216 | Supply and install approved toilet compartment consisting of 13mm thick solid compact laminate finished with melamine on both sides c/w stainless steel leg supports etc. (colour of lamination to be approved) | sq m | 261.8          |

| S/No   | Description                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.217 | Supply and install door consisting of 10mm thick solid compact laminate finished with melamine on both sides and c/w stainless steel leg supports, heavy duty gravity hinges, indicator bolt, aluminium trimmings, etc.                        | sq m | 237.58         |
| CP.218 | Supply and install door consisting of 13mm thick solid compact laminate finished with melamine on both sides and c/w stainless steel leg supports, heavy duty gravity hinges, indicator bolt, aluminium trimmings, etc.                        | sq m | 277.7          |
| CP.219 | Dismantle toilet partitions and remove off site including make good affected areas.                                                                                                                                                            | no   | 8.42           |
| CP.220 | Supply and fix 20mm thick fibreglass door or hardboard door to WC compartment including 1.5 pairs of 100 x 75mm stainless steel butt hinges.                                                                                                   | sq m | 130.9          |
| CP.221 | Supply and fix in replacement Moflex toilet partitions 10mm thick, model Ardmoe including all necessary accessories and of approved colour.                                                                                                    | sq m | 168.3          |
| CP.222 | Supply and fix in replacement Moflex toilet cubicle door 10mm thick of approved colour complete with hinges                                                                                                                                    | sq m | 187            |
| CP.223 | Supply and fix 1200 x 200 x 3mm thick black common rubber sheet to edge of toilet partition including 25 x 6mm thick aluminium strip and 6mm diameter x 13mm long bolts and nuts.                                                              | no   | 19.64          |
| CP.224 | Take out existing Chengal treads and risers, remove off site and replace with new to match existing including wedging, screwing, blocking and bracketting as necessary.                                                                        | sq m | 85.09          |
| CP.225 | Take out existing Kapur treads and risers, remove off site and replace with new to match existing including wedging, screwing, blocking and bracketting as necessary.                                                                          | sq m | 53.98          |
| CP.226 | Take out existing Balau treads and risers, remove off site and replace with new to match existing including wedging, screwing, blocking and bracketting as necessary.                                                                          | sq m | 58.48          |
| CP.227 | Cut out length of existing string to Chengal staircase, remove off site and replace with new to match including all necessary splicing joints, forming housing for treads and risers, refixing balusters and under-pinning                     | cu m | 1708.25        |
| CP.228 | Cut out length of existing string to Kapur staircase, remove off site and replace with new to match including all necessary splicing joints, forming housing for treads and risers, refixing balusters and under-pinning                       | cu m | 1104.49        |
| CP.229 | Cut out length of existing string to Balau staircase, remove off site and replace with new to match including all necessary splicing joints, forming housing for treads and risers, refixing balusters and under-pinning                       | cu m | 1364.68        |
| CP.230 | Cut out length of Chengal wall hand-rail or handrail to balustrade including frames, bends, etc remove off site and replace with new to match including all necessary splicing joints to existing brackets and joints to dowels and balusters. | cu m | 2063.63        |
| CP.231 | Cut out length of Balau wall hand-rail or handrail to balustrade including frames, bends, etc remove off site and replace with new to match including all necessary splicing joints to existing brackets and joints to                         | cu m | 1438.29        |
| CP.232 | dowels and balusters.  Take out existing chengal baluster, remove off site and replace with new to match including housing at both ends.                                                                                                       | no   | 22.44          |
| CP.233 | Take out existing Kapur baluster, remove off site and replace with new to match including housing at both ends.                                                                                                                                | no   | 18.53          |
| CP.234 | Take out existing balau baluster, remove off site and replace with new to match including housing at both ends.                                                                                                                                | no   | 22.78          |
| CP.235 | Cut out short length of existing chengal newel (not exceeding 10,000sq mm cross-sectional area), remove off site and replace with new to match                                                                                                 | m    | 31.79          |

| S/No   | Description                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|        | including temporary support if necessary and housing for handrails, string etc.                                                                                                                                              |      |                |
| CP.236 | Cut out short length of existing Kapur newel (not exceeding 10,000sq mm cross-sectional area), remove off site and replace with new to match including temporary support if necessary and housing for handrails, string etc. | m    | 30.86          |
| CP.237 | Cut out short length of existing Balau newel (not exceeding 10,000sq mm cross-sectional area), remove off site and replace with new to match including temporary support if necessary and housing for handrails, string      | m    | 32.3           |
| CP.238 | etc.  Take down existing balustrade and rebuild using the same material including new wedges for joints, glueing, cramping etc.                                                                                              | no   | 41.23          |
| CP.239 | Secure existing handrail to existing wall bracket or to existing newel or other support.                                                                                                                                     | no   | 8.25           |
| CP.240 | Secure one end of loose baluster.                                                                                                                                                                                            | no   | 1.96           |
| CP.241 | 6mm thick calcium silicate board reinforced with cellulose for internal use only and including fixing to bearers. (Bearers measured separately).                                                                             | sq m | 16.15          |
| CP.242 | 9mm thick calcium silicate board reinforced with cellulose for internal use only and including fixing to bearers. (Bearers measured separately).                                                                             | sq m | 19.81          |
| CP.243 | 12mm thick calcium silicate board reinforced with cellulose for internal use only and including fixing to bearers. (Bearers measured separately).                                                                            | sq m | 24.82          |
| CP.244 | 15mm thick calcium silicate board reinforced with cellulose for internal use only and including fixing to bearers. (Bearers measured separately).                                                                            | sq m | 45.65          |
| CP.245 | 4.5mm thick calcium silicate board reinforced with selected fibres and fillers for internal and external use and including fixing to bearers (bearers measured separately).                                                  | sq m | 25.5           |
| CP.246 | 6mm thick calcium silicate board reinforced with selected fibres and fillers for internal and external use and including fixing to bearers (bearers measured separately).                                                    | sq m | 33.07          |
| CP.247 | 9mm thick calcium silicate board reinforced with selected fibres and fillers for internal and external use and including fixing to bearers (bearers measured separately).                                                    | sq m | 50.83          |
| CP.248 | 12mm thick calcium silicate board reinforced with selected fibres and fillers for internal and external use and including fixing to bearers (bearers measured separately).                                                   | sq m | 91.97          |
| CP.249 | 6mm thick top gradefibre resistance calcium silicate board reinforced with selected fibres and fillers for internal use and including fixing to bearers (bearers measured separately).                                       | sq m | 22.44          |
| CP.250 | 9mm thick top gradefibre resistance calcium silicate board reinforced with selected fibres and fillers for internal use and including fixing to bearers (bearers measured separately).                                       | sq m | 28.05          |
| CP.251 | 12mm thick top gradefibre resistance calcium silicate board reinforced with selected fibres and fillers for internal use and including fixing to bearers (bearers measured separately).                                      | sq m | 31.96          |
| CP.252 | 4.5mm thick fibre-reinforced cement building board fixed to bearers (bearers measured separately).                                                                                                                           | sq m | 14.96          |
| CP.253 | 6mm thick fibre-reinforced cement building board fixed to bearers (bearers measured separately).                                                                                                                             | sq m | 16.24          |
| CP.254 | 9mm thick fibre-reinforced cement building board fixed to bearers (bearers measured separately).                                                                                                                             | sq m | 27.8           |

| S/No   | Description                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.255 | 12mm thick fibre-reinforced cement building board fixed to bearers (bearers measured separately).                                                                                                         | sq m | 22.44          |
| CP.256 | 6mm thick top grade fire-reisistance fibre-reinforced cement building board fixed to bearers (bearers measured separately)                                                                                | sq m | 23.38          |
| CP.257 | 9mm thick top grade fire-reisistance fibre-reinforced cement building board fixed to bearers (bearers measured separately)                                                                                | sq m | 32.56          |
| CP.258 | 12mm thick top grade fire-reisistance fibre-reinforced cement building board fixed to bearers (bearers measured separately)                                                                               | sq m | 39.61          |
| CP.259 | 6mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                           | sq m | 14.11          |
| CP.260 | 8mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                           | sq m | 15.3           |
| CP.261 | 10mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                          | sq m | 16.75          |
| CP.262 | 12mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                          | sq m | 19.64          |
| CP.263 | 16mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                          | sq m | 25.25          |
| CP.264 | 18mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                          | sq m | 31.45          |
| CP.265 | 24mm thick cement building board fixed to bearers (Bearers measured separately).                                                                                                                          | sq m | 37.06          |
| CP.266 | 10mm thick approved gypsum board pinned to bearers or fixed with brass screws to bearers (Bearers measured separately)                                                                                    | sq m | 13.43          |
| CP.267 | 13mm thick approved gypsum board pinned to bearers or fixed with brass screws to bearers (Bearers measured separately)                                                                                    | sq m | 14.96          |
| CP.268 | 2mm thick lead sheet lining covered with and including laminated gypsum board.                                                                                                                            | sq m | 222.19         |
| CP.269 | 3mm thick lead sheet lining covered with and including laminated gypsum board.                                                                                                                            | sq m | 282.88         |
| CP.270 | 13mm thick approved termite-proof fibre-board fixed to bearers with and including galvanised clout headed nail set out symmetrically and finished with V-shaped butt joints (bearers measured separately) | sq m | 6.55           |
| CP.271 | 13mm thick fibre board ceiling lining or wall panelling (timber framing and painting measured separately).                                                                                                | sq m | 13.09          |
| CP.272 | Extra over fibreboard lining for junction piece not exceeding 75mm x 13mm fixed to bearers with and including galvanised clout headed nail set                                                            | m    |                |
|        | out symmetrically and finished with V-shaped butt joints (bearers measured separately).                                                                                                                   |      | 1.28           |
| CP.273 | 3mm thick approved quality hardboard pinned or fixed to bearers (bearers measured separately).                                                                                                            | sq m | 6.29           |
| CP.274 | 4.8mm thick approved quality hardboard pinned or fixed to bearers (bearers measured separately)                                                                                                           | sq m | 7.48           |
| CP.275 | 6mm thick approved quality hardboard pinned or fixed to bearers (bearers measured separately)                                                                                                             | sq m | 8.5            |
| CP.276 | 3mm thick approved quality perforated hardboard pinned or fixed to bearers (bearers measured separately).                                                                                                 | sq m | 6.46           |
| CP.277 | 3mm thick clear perspex sheet                                                                                                                                                                             | sq m | 63.58          |
| CP.278 | 5mm thick clear perspex sheet.                                                                                                                                                                            | sq m | 71.66          |

| S/No   | Description                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.279 | 12mm thick clear perspex sheet                                                                                                                                                                  | sq m | 123.08         |
| CP.280 | 4mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                       | sq m | 5.36           |
| CP.281 | 6mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                       | sq m | 6.8            |
| CP.282 | 9mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                       | sq m | 9.44           |
| CP.283 | 12mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                      | sq m | 10.97          |
| CP.284 | 15mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                      | sq m | 13.94          |
| CP.285 | 18mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                      | sq m | 15.05          |
| CP.286 | 25mm thick ordinary plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screws (bearers measured separately).                      | sq m | 19.64          |
| CP.287 | 4mm thick plywood with Teak, or other veneer on one face pinned or screwed with brass screws to bearers or glued with an approved adhesive compound as panelling (bearers measured separately). | sq m | 13.26          |
| CP.288 | 5mm thick plywood with Teak, or other veneer on one face pinned or screwed with brass screws to bearers or glued with an approved adhesive compound as panelling (bearers measured separately). | sq m | 13.94          |
| CP.289 | 6mm thick plywood with Teak, or other veneer on one face pinned or screwed with brass screws to bearers or glued with an approved adhesive compound as panelling (bearers measured separately). | sq m | 14.62          |
| CP.290 | 4mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).             | sq m | 8.67           |
| CP.291 | 6mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).             | sq m | 10.03          |
| CP.292 | 9mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).             | sq m | 11.99          |
| CP.293 | 12mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).            | sq m | 13.13          |
| CP.294 | 15mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).            | sq m | 14.62          |
| CP.295 | 18mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).            | sq m | 15.73          |

| S/No   | Description                                                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.296 | 25mm thick approved waterproof plywood fixed and glued with an approved adhesive compound as panelling or pinned or fixed to bearers with brass screw (Bearers measured separately).     | sq m | 19.81          |
| CP.297 | 3mm thick approved marine plywood fixed and glued with an approved compound as panelling or pinned or fixed to bearers with brass screws (Bearers measured separately).                  | sq m | 12.92          |
| CP.298 | 6mm thick approved marine plywood fixed and glued with an approved compound as panelling or pinned or fixed to bearers with brass screws (Bearers measured separately).                  | sq m | 18.28          |
| CP.299 | 12mm thick approved marine plywood fixed and glued with an approved compound as panelling or pinned or fixed to bearers with brass screws (Bearers measured separately).                 | sq m | 29.75          |
| CP.300 | 15mm thick approved marine plywood fixed and glued with an approved compound as panelling or pinned or fixed to bearers with brass screws (Bearers measured separately).                 | sq m | 34.85          |
| CP.301 | 18mm thick approved marine plywood fixed and glued with an approved compound as panelling or pinned or fixed to bearers with brass screws (Bearers measured separately).                 | sq m | 42.08          |
| CP.302 | 25mm thick approved marine plywood fixed and glued with an approved compound as panelling or pinned or fixed to bearers with brass screws (Bearers measured separately).                 | sq m | 56.1           |
| CP.303 | Decorative vinyl or veneer (any thickness) to gypsum board, plywood, etc.                                                                                                                | sq m | 6.46           |
| CP.304 | 0.8mm thick laminated plastic lining fixed to timber surfaces with approved adhesive compound including preparing surface.                                                               | sq m | 16.49          |
| CP.305 | 1mm thick laminated plastic lining fixed to timber surfaces with approved adhesive compound including preparing surface.                                                                 | sq m | 18.87          |
| CP.306 | 1.3 mm thick laminated plastic lining fixed to timber surfaces with approved adhesive compound including preparing surface.                                                              | sq m | 21.34          |
| CP.307 | 1mm thick decorative steel plate formica fixed to timber surfaces with approved adhesive compound including preparing surface                                                            | sq m | 86.36          |
| CP.308 | Strip existing laminated plastic veneer lining, remove off site and prepare surfaces to receive new.                                                                                     | sq m | 3.32           |
| CP.309 | 10mm thick (at mid-point) Ramin panel comprising of 75mm wide or 100mm wide Ramin strips shaoed to required sizes and design, fixed to timber bearers (Bearers measured separately).     | sq m | 88.4           |
| CP.310 | Take out existing lining (any type and thickness) from partition, counter tops, fitments, wall panels and the like, remove old boards off site and prepare surrounds to receive new.     | sq m | 2.21           |
| CP.311 | Take out existing lining (any type and thickness) from partition, counter tops, fitments, wall panels and the like, set aside old boards for reuse and prepare surrounds to receive new. | sq m | 1.87           |
| CP.312 | Take from stack and refix old lining (not exceeding 6mm thick) including new fasteners.                                                                                                  | sq m | 3.49           |
| CP.313 | Take from stack and refix old lining (exceeding 6mm thick and not exceeding 15mm thick) including new fasteners.                                                                         | sq m | 4.34           |
| CP.314 | Take from stack and refix old lining (exceeding 15mm thick) including new                                                                                                                | sq m | 5.19           |
| CP.315 | fasteners.  Refix only existing plastic lamination after all necessary surface                                                                                                           | sq m | 4.68           |
| CP.316 | preparations using approved adhesive (Min. 0.5sq m) Supply and install 50mm thick light weight partitions all in accordance with the manufacturer's instructions.                        | sq m | 58.91          |

| S/No   | Description                                                                                                                                                                                                                | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.317 | Supply and install cushion lining to peddle cell walls and floor consisting of 6mm thk plywood backing, 50mm foam rubber infill, 1 layer of PVC sheet and 1 layer of canvas dressing, each panel not exceeding 600mm width | sq m | 64.77          |
| CP.318 | including lining around squatting pan, observation opening.  Supply and fix nylon fly-proof netting (14 mesh x 31 gauge) to window, door, panels, etc.                                                                     | sq m | 4              |
| CP.319 | Supply & Install fly-proof netting 640mm x 410mm magnetic screen for Hostel door louvres.                                                                                                                                  | no   | 93.5           |
| CP.320 | Take out and cart away nylon fly-proof netting (14 mesh x 31 gauge) and prepare surrounds to receive new.                                                                                                                  | sq m | 0.68           |
| CP.321 | Take out existing chicken wire netting in fence including any framing or posts (any type) with foundations, remove off site and including making good work disturbed.                                                      | sq m | 1.28           |
| CP.322 | Take out existing chicken wire netting, cart away from site or lay aside for re-use.                                                                                                                                       | sq m | 1.02           |
| CP.323 | Take from stack and fix only chicken wire netting.                                                                                                                                                                         | sq m | 2.38           |
| CP.324 | 24 gauge galvanised iron hex chicken wire netting (13 mm each) (fillets measured separately)                                                                                                                               | sq m | 4.85           |
| CP.325 | Supply only 13mm x 13mm x 1.2mm thick stainless steel chicken wire mesh.                                                                                                                                                   | sq m | 29.5           |
| CP.326 | Install only stainless steel chicken wire mesh.                                                                                                                                                                            | sq m | 4.68           |
| CP.327 | Expanded steel ornamesh 16mm x 38mm x 1mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                              | sq m | 4.93           |
| CP.328 | Expanded steel ornamesh 22mm x 57mm x 2mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                              | sq m | 12.5           |
| CP.329 | Expanded steel ornamesh 35mm x 76mm x 2mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                              | sq m | 8.67           |
| CP.330 | Expanded steel ornamesh 35mm x 76mm x 3mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                              | sq m | 20.74          |
| CP.331 | Expanded steel balustrade mesh 25mm x 4mm x 3mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                        | sq m | 17.77          |
| CP.332 | Expanded steel balustrade mesh 33mm x 102mm x 3mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                      | sq m | 11.73          |
| CP.333 | Expanded steel Gridmesh 43mm x 135mm x 5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                             | sq m | 42.25          |
| CP.334 | Expanded steel Gridmesh 30mm x 75mm x 3mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                              | sq m | 37.57          |
| CP.335 | Expanded steel gridmesh 30mm x 75mm x 5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)                                                              | sq m | 74.21          |

| S/No   | Description                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.336 | Square weldmesh 50mm x 50mm x 3.25mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately) | sq m | 4.85           |
| CP.337 | Square weldmesh 50mm x 50mm x 4.10mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately) | sq m | 6.89           |
| CP.338 | Finemesh 12.5mm x 12.5mm x 1.5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)     | sq m | 5.7            |
| CP.339 | Finemesh 12.5mm x 12.5mm x 1.2mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)     | sq m | 4.68           |
| CP.340 | Finemesh 12.5mm x 25mm x 1.5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)       | sq m | 4.51           |
| CP.341 | Finemesh 12.5mm x 25mm x 1.2mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)       | sq m | 3.32           |
| CP.342 | Finemesh 25mm x 25mm x 1.5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)         | sq m | 3.32           |
| CP.343 | Finemesh 25mm x 25mm x 1.2mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)         | sq m | 2.38           |
| CP.344 | Finemesh 50mm x 50mm x 1.5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)         | sq m | 1.79           |
| CP.345 | Finemesh 50mm x 50mm x 2.0mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)         | sq m | 4              |
| CP.346 | Finemesh 50mm x 50mm x 2.0mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)         | sq m | 2.98           |
| CP.347 | Roof mesh 75mm x 75mm x 1.5mm thick in vents grille work, undersides of eaves etc (fixed to timber or metal frames) (fillets measured separately)        | sq m | 1.28           |
| CP.348 | Extra over above items (CP293 to CP312) for tack welding to metal frames (area of mesh measured) (welding equipment measured separately).                | sq m | 2.81           |
| CP.349 | Take out existing weldmesh and the like including or excluding beadings, carting away from site and making good surrounding.                             | sq m | 1.7            |
| CP.350 | Tinned wire gauge cut to required sizes and fixed complete including metal or wooden beads and 2 coats paint to bead.                                    | sq m | 8.59           |
| CP.351 | Aluminium, brass or copper woven wire cut to required sizes and fixed complete including metal or wooden beads and 2 coats paint to bead.                | sq m | 15.3           |
| CP.352 | Perforated zinc cut to required sizes and fixed complete including metal or wooden beads and 2 coats paint to bead.                                      | sq m | 4.76           |
| CP.353 | Take out existing including beading and cart away.                                                                                                       | sq m | 0.51           |
| CP.354 | Supply and install 50mm thick fibreglass of density 13 - 16kg/cu m insulation.                                                                           | sq m | 6.55           |
| CP.355 | Supply and install 50mm thick fibreglass of density 32kg/cu m insulation.                                                                                | sq m | 8.16           |
| CP.356 | Supply and install 50mm thick fibreglass of density 48kg/cu m insulation.                                                                                | sq m | 14.54          |
| CP.357 | Supply and install 25mm thick mineral wood of density 100 kg/cu m insulation.                                                                            | sq m | 8.59           |
| CP.358 | Supply and install 50mm thick mineral wood of density 50kg/cu m insulation.                                                                              | sq m | 10.63          |

| S/No   | Description                                                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.359 | Supply and install 50mm thick mineral wood of density 60kg/cu m insulation.                                                                                                                                                                                                                          | sq m | 11.05          |
| CP.360 | Supply and install 50mm thick mineral wood of density 80kg/cu m insulation.                                                                                                                                                                                                                          | sq m | 14.28          |
| CP.361 | Supply and install 50 mm thick mineral wood density 100kg/cu m insulation.                                                                                                                                                                                                                           | sq m | 16.15          |
| CP.362 | Add to above items (CP319 to CP326) laminated with aluminium foil.                                                                                                                                                                                                                                   | sq m | 5.44           |
| CP.363 | Supply and install 25mm thick woodwool slab pinned or screwed to bearers (bearers measured separately).                                                                                                                                                                                              | sq m | 16.92          |
| CP.364 | Supply and install 50mm thick woodwool slab pinned or screwed to bearers (bearers measured separately).                                                                                                                                                                                              | sq m | 20.15          |
| CP.365 | Supply and install 75mm thick woodwool slab pinned or screwed to bearers (bearers measured separately).                                                                                                                                                                                              | sq m | 28.14          |
| CP.366 | One layer of 'Sisalation 450' or other equal and approved double sided, double reinforced fire resistant aluminium foil, lapped 150mm at joint, including extra labour dressing insulation sheet over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for laps). | sq m | 4.25           |
| CP.367 | One layer of 'Sisalation 431' or other equal and approved double sided, double reinforced fire resistant aluminium foil, lapped 150mm at joint, including extra labour dressing insulation sheet over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for laps). | sq m | 3.4            |
| CP.368 | One layer of 'Sisalation 525' or other equal and approved double sided, double reinforced fire resistant aluminium foil, lapped 150mm at joint, including extra labour dressing insulation sheet over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for laps). | sq m | 3.66           |
| CP.369 | One layer of 'Sisalation 901' single sided, double reinforced fire resistant aluminium foil, lapped 150mm at joint, including extra labour dressing insulation sheet over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for laps).                             | sq m | 1.96           |
| CP.370 | One layer of 'Thermofoil 750' or other equal and approved double sided, reinforced aluminium foil, lapped 150mm at joints, including extra labour dressing over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for laps).                                       | sq m | 3.66           |
| CP.371 | One layer of 'Thermofoil 731' or other equal and approved double sided, reinforced aluminium foil, lapped 150mm at joints, including extra labour dressing over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for laps).                                       | sq m | 3.06           |
| CP.372 | One layer of 'Thermofoil 600' single-sided, reinforced aluminium foil, lapped 150mm at joints, including extra labour dressing over roof purlins, bearers of ceilings, partitions etc (measured nett, no allowance made for                                                                          | sq m | 2.38           |
| CP.373 | laps). Supply new or in replacement approved type Kapur pelmet, 150mm wide x 150mm deep to curtain rail, sliding partitions, etc                                                                                                                                                                     | m    | 6.89           |
| CP.374 | Supply new or in replacement approved type Kapur pelmet with Teak ply, 150mm wide x 150mm deep to curtain rail, sliding partitions, etc                                                                                                                                                              | m    | 8.59           |
| CP.375 | White plastic curtain rail for light weight fabric curtain c/w brackets, stop and gliders.                                                                                                                                                                                                           | m    | 11.56          |
| CP.376 | White plastic curtain rail for heavy fabric curtain c/w brackets, stop and gliders.                                                                                                                                                                                                                  | m    | 17             |
| CP.377 | White plastic curtain rail for heavy fabric curtain c/w brackets, stop and gliders but double tracks.                                                                                                                                                                                                | m    | 32.73          |

| S/No   | Description                                                                                                                                                                                                                           | Unit       | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| CP.378 | TOSO' to other equal and approved aluminium 'Elite' type curtain rails for light weight fabric curtain c/w fittings and chord.                                                                                                        | m          | 13.86          |
| CP.379 | TOSO' to other equal and approved aluminium 'Delac' type for heavy draperies curtain rails for light weight fabric curtain c/w fittings and chord.                                                                                    | m          | 20.66          |
| CP.380 | TOSO' to other equal and approved aluminium 'Theatrac' type for heavy draperies for stage curtain in schools, halls, etc for light weight fabric curtain c/w fittings and chord.                                                      | m          | 42.25          |
| CP.381 | TOSO' to other equal and approved aluminium 'Partrac II' type straight track only c/w fittings, chord and adjustable rod hangers.                                                                                                     | m          | 33.24          |
| CP.382 | Extra over straight track for 400 x 400mm single curve rail section including extra hanger rod where necessary                                                                                                                        | no         | 24.65          |
| CP.383 | Extra over straight track for 910 x 910mm single curve rail section including extra hanger rod where necessary                                                                                                                        | no         | 33.24          |
| CP.384 | Extra over straight track for double connector including extra hanger rod where necessary                                                                                                                                             | no         | 82.28          |
| CP.385 | Take out existing pelmet and remove off site.                                                                                                                                                                                         | m          | 1.79           |
| CP.386 | Take out existing curtain rail and cart away off site.                                                                                                                                                                                | m          | 0.6            |
| CP.387 | Take out existing curtain rail and refix.                                                                                                                                                                                             | m          | 2.21           |
| CP.388 | To remove/hang single-draw curtain (any type/size) from or onto the track                                                                                                                                                             | per<br>set | 1.45           |
| CP.389 | To remove/hang double-draw curtain (any type/size) from or onto the track                                                                                                                                                             | per<br>set | 2.38           |
| CP.390 | 19mm diameter chromium plated rails for bathroom curtain including wall flanges, hooks and rings.                                                                                                                                     | m          | 22.61          |
| CP.391 | 25mm diameter chromium plated rails for bathroom curtain including wall flanges, hooks and rings.                                                                                                                                     | m          | 26.78          |
| CP.392 | Supply and install 90 degree Curvature Monstrack including aluminium slid track, suspension cover, tube suspension collar c/w fittings.                                                                                               | m          | 68.51          |
| CP.393 | Supply and install velvet curtain c/w black cloth backing, tracks and other necessary accessories.                                                                                                                                    | sq m       | 56.1           |
| CP.394 | Supply and install PVC curtain c/w tracks and other necessary accessories.                                                                                                                                                            | sq m       | 26.18          |
| CP.395 | Supply and install velvet curtain c/w black cloth both internally and externally and complete with suspension tube.                                                                                                                   | sq m       | 86.02          |
| CP.396 | Take out existing, supply and fix new felt (any colour) only for noticeboard                                                                                                                                                          | sq m       | 17             |
| CP.397 | To supply and install new projector screen (manual) approved type size 177.8cm x 177.8 cm c/w installation brackets, ceiling or wall mounted                                                                                          | set        | 168.3          |
| CP.398 | Supply and install OS/AM-1818, OS 1800 x 1800mm wall or ceiling mounted screen (manual) c/w all necessary accessories.                                                                                                                | set        | 168.3          |
| CP.399 | Supply and install approved motorized projection screen with motor, high and low limit switch and control switch or remote control, size L2000mm x H2700mm                                                                            | set        | 680            |
| CP.400 | Supply and install approved motorized projection screen, size more than L2000mm with approved motor, high and low limit switch and control switch or remote control with dirrerence type of size includes set up staging for the work | sq m       | 153            |

| S/No   | Description                                                                                                                                                                                                                       | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.401 | Supply and install additional control switch for motorized projection screen with all necessary wiring, drilling of hole etc at teaching console or wall                                                                          | set  | 85             |
| CP.402 | Supply and replace existing screen only w/o replacement of brackets including removal and disposal                                                                                                                                | set  | 140.25         |
| CP.403 | Take out existing projector screen (manual) stack aside or remove off site and make good surrounding.                                                                                                                             | no   | 9.01           |
| CP.404 | Fix only projecter screen (manual) by using approved fasteners (projector screen provided separately)                                                                                                                             | no   | 2.38           |
| CP.405 | U-channel top rail for sliding glass panel.                                                                                                                                                                                       | m    | 1.45           |
| CP.406 | Runner for sliding glass panel.                                                                                                                                                                                                   | m    | 1.87           |
| CP.407 | Sliding track for sliding glass panel.                                                                                                                                                                                            | m    | 1.45           |
| CP.408 | Wheel for runner.                                                                                                                                                                                                                 | no   | 0.94           |
| CP.409 | Take out existing defective U-channel, top rail, runner or sliding track.                                                                                                                                                         | m    | 0.94           |
| CP.410 | Take out only existing 4.8mm Timsonplate wall mounted 'SS' chalkboard including hardboard backing c/w anodised aluminium frame or kapur timber frame and chalk ledge stack aside or remove off site and make                      | no   | 9.01           |
| CP.411 | good surround.  Take out only existing 4.8mm Timsonplate wall mounted 'SS' chalkboard including hardboard backing c/w anodised aluminium frame or kapur timber frame and chalk ledge and refix including providing new fasteners. | no   | 20.57          |
| CP.412 | Installation of 4.8mm Timsonplate wall mounted 'SS' chalkboard including hardboard backing c/w anodised aluminium frame or kapur timber frame and chalk ledge including providing new fasteners.                                  | no   | 0.94           |
| CP.413 | 4.8mm Timsonplate wall mounted 'SS' 600 x 900mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                               | no   | 35.53          |
| CP.414 | 4.8mm Timsonplate wall mounted 'SS' 600 x 900mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                            | no   | 26.18          |
| CP.415 | 4.8mm Timsonplate wall mounted 'SS' 900 x 1200mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                              | no   | 71.06          |
| CP.416 | 4.8mm Timsonplate wall mounted 'SS' 900 x 1200mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                           | no   | 54.23          |
| CP.417 | 4.8mm Timsonplate wall mounted 'SS' 900 x 1500mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                              | no   | 88.83          |
| CP.418 | 4.8mm Timsonplate wall mounted 'SS' 900 x 1500mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                           | no   | 67.32          |
| CP.419 | 4.8mm Timsonplate wall mounted 'SS' 900 x 1800mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                              | no   | 106.59         |
| CP.420 | 4.8mm Timsonplate wall mounted 'SS' 900 x 1800mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                           | no   | 81.35          |
| CP.421 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 1500mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                             | no   | 119.68         |
| CP.422 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 1500mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                          | no   | 90.7           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.423 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 1800mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                                                                                                                                                                                                                                                   | no   | 142.12         |
| CP.424 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 1800mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                                                                                                                                                                                                                                                | no   | 109.4          |
| CP.425 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 2400mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                                                                                                                                                                                                                                                   | no   | 190.74         |
| CP.426 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 2400mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                                                                                                                                                                                                                                                | no   | 145.86         |
| CP.427 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 3600 mm chalkboard including hardboard backing c/w anodised aluminium frame and chalk ledge                                                                                                                                                                                                                                                                                                                  | no   | 284.24         |
| CP.428 | 4.8mm Timsonplate wall mounted 'SS' 1200 x 3600mm chalkboard including hardboard backing c/w kapur frame and chalk ledge                                                                                                                                                                                                                                                                                                                                | no   | 218.79         |
| CP.429 | Provide and fix in brickwork or concrete wooden plugs of class 'B' timber treated with wood preservative or approved plastic.                                                                                                                                                                                                                                                                                                                           | no   | 0.26           |
| CP.430 | Fix only noticeboards whiteboards/chalkboards etc by using approved 'HILTI' fasteners.                                                                                                                                                                                                                                                                                                                                                                  | no   | 4.68           |
| CP.431 | Modify existing timber window (any type and size) provide new transome and bearers including taking out and rehanging window. Fit in aircondition frame (frame supplied separately) between the window sill and the new transome and block up the opening on both sides of the frames                                                                                                                                                                   | no   | 440.0          |
| CP.432 | with 6mm thick plywood including 3 coats of paint and making good work disturbed.  Modify existing aluminium window/vent (any type and size) for the installation of air-condition, including take out existing window /vent, cut out existing mullion, install air-condition frame and new aluminium mullion to two sides of air-condition frame, fixing fixed glass panel to surrounding of air-condition frame including all necessary aluminium 'C' | no   | 112.2<br>149.6 |
| CP.433 | channel hollow section etc.  Modify existing adjustable metal louvred frame (any type and size) and including taking out louvres etc. Fit in air-condition frame (frame supplied separately) and block up the openings on both sides of the frames with 6mm thick plywood including 3 coats of paint and making good work disturbed.                                                                                                                    | no   | 102.85         |
| CP.434 | Fabricate, supply and deliver window unit type air condition frame comprising of 100mm x 50mm wrot Kapur including three coats of selected paint.                                                                                                                                                                                                                                                                                                       | no   | 28.05          |
| CP.435 | Key box overall size 150 x 150 x 50mm wide constructed of wrot Kapur frames 38 x 25mm thick rebated to receive and including 6mm thick                                                                                                                                                                                                                                                                                                                  | no   |                |
|        | plywood backing and sizes and c/w glazed framed door, 25mm padlock with keys, hasps and staples, hinges and painted with three coats of                                                                                                                                                                                                                                                                                                                 |      | 65.45          |
| CP.436 | selected paint and mounted on the wall. Emergency keybox with break glass (any type and size)                                                                                                                                                                                                                                                                                                                                                           | no   | 23.38          |
| CP.437 | Take out existing keybox with break glass (any type and size)                                                                                                                                                                                                                                                                                                                                                                                           | no   | 1.87           |
| CP.438 | Remove existing timber railing (any design and height), cart away and make good area disturbed.                                                                                                                                                                                                                                                                                                                                                         | m    | 1.19           |
| CP.439 | Remove existing timber railing (any design and height), but replace any damaged portion (but not exceeding 2 balusters per m run or 0.5m run of handrail) cramp and secure all joints and refix (any design and height).                                                                                                                                                                                                                                | m    | 14.96          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit     | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|
| CP.440 | Slatted panels consisting of Kapur battens not exceeding 1000sq mm sectional area fixed not more than 20mm apart on and including 6mm thick plywood backing.                                                                                                                                                                                                                                                                                                                                           | sq m     | 27.46          |
| CP.441 | Slatted panels consisting of on timber bearers (bearers measured spearately)not exceeding 1000sq mm sectional area fixed not more than 20mm apart on and including 6mm thick plywood backing.                                                                                                                                                                                                                                                                                                          | sq m     | 21.59          |
| CP.442 | Shaped drawer pull handle (any shape, length and type of timber screwed to drawer front).                                                                                                                                                                                                                                                                                                                                                                                                              | no       | 1.87           |
| CP.443 | Drawers consisting of Teak timber 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Teak timber. The internal and external finishes shall be painted or finished with laminated plastic with internal area not exceeding 0.10sq m.                                                                                                                                    | no       | 35.28          |
| CP.444 | Drawers consisting of Teak timber 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Teak timber. The internal and external finishes shall be painted or finished with laminated plastic with internal area exceeding 0.10 sq m &                                                                                                                                      | no       | 50.41          |
| CP.445 | not exceeding 0.20 sq m.  Drawers consisting of Teak timber 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Teak timber. The internal and external finishes shall be painted or finished with laminated plastic with internal area exceeding 0.20 sq m &                                                                                                            | no       | 58.74          |
| CD 44C | not exceeding 0.30 sq m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | 44.05          |
| CP.446 | Add for CP443 each additional 0.10sq m in internal area                                                                                                                                                                                                                                                                                                                                                                                                                                                | no       | 11.05          |
| CP.447 | Add for CP443 each additional 75mm in depth                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no       | 4.59           |
| CP.448 | Drawers consisting of plywood with Polyken 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick plywood with Polyken. The internal and external finishes shall be painted or finished with laminated plastic with internal area not                                                                                                                                      | no       | 18.79          |
| CP.449 | exceeding 0.10sq m.  Drawers consisting of plywood with Polyken 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick plywood with Polyken. The internal and external finishes shall be painted or finished with laminated plastic with internal area exceeding                                                                                                           | no       | 26.35          |
| CP.450 | 0.10 sq m & not exceeding 0.20 sq m.  Drawers consisting of plywood Polyken 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick plywood with Polyken. The internal and external finishes shall be painted or finished with laminated plastic with internal area exceeding 0.20 sq m & not exceeding 0.30 sq m.  Add for CP444 each additional 0.10sq m in internal area | no<br>no | 31.2           |
| CP.451 | Add for CP444 each additional 75mm in depth                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no       | 4.93           |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.452 | Drawers consisting of Kapur timber 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be                                                                                                                                                         | no   |                |
|        | 9mm thick Kapur plywood. The internal and external finishes shall be painted or finished with laminated plastic with internal area not exceeding 0.10sq m.                                                                                                                                                                                                          |      | 1.7            |
| CP.453 | Drawers consisting of Kapur timber19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Kapur plywood. The internal and external finishes shall be painted or finished with laminated plastic with internal area exceeding 0.10 sq m & | no   | 14.71          |
| CP.454 | not exceeding 0.20 sq m.  Drawers consisting of Kapur timber 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Kapur plywood. The internal and external finishes shall be                                                          | no   |                |
|        | painted or finished with laminated plastic with internal area exceeding 0.20 sq m & not exceeding 0.30 sq m.                                                                                                                                                                                                                                                        |      | 19.89          |
| CP.455 | Add for CP445 each additional 0.10sq m in internal area                                                                                                                                                                                                                                                                                                             | no   | 23.97          |
| CP.456 | Add for CP445 each additonal 75mm in depth                                                                                                                                                                                                                                                                                                                          | no   | 3.83           |
| CP.457 | Drawers consisting of Dark Red Meranti 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Dark Red Meranti plywood. The internal and external finishes                                                                              | no   |                |
|        | shall be painted or finished with laminated plastic with internal area not exceeding 0.10sq m.                                                                                                                                                                                                                                                                      |      | 0.6            |
| CP.458 | Drawers consisting of Dark Red Meranti19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Dark Red Meranti plywood. The internal and external finishes shall be painted or finished with laminated plastic with internal area        | no   | 14.02          |
|        | exceeding 0.10 sq m & not exceeding 0.20 sq m.                                                                                                                                                                                                                                                                                                                      |      | 11.82          |
| CP.459 | Drawers consisting of Dark Red Meranti 19mm front, 13mm sides and back and butt jointed bottom, all dovetailed housed and glued together to a depth of between 75mm to 200mm internally and the bottom shall be 9mm thick Dark Red Meranti plywood. The internal and external finishes                                                                              | no   |                |
|        | shall be painted or finished with laminated plastic with internal area exceeding 0.20 sq m & not exceeding 0.30 sq m.                                                                                                                                                                                                                                               |      | 16.15          |
| CP.460 | Add for CP446 each additional 0.10sq m in internal area                                                                                                                                                                                                                                                                                                             | no   | 19.55          |
| CP.461 | Add for CP446 each additonal 75mm in depth                                                                                                                                                                                                                                                                                                                          | no   | 3.74           |
| CP.462 | Upper level wrot 'Kapur' kitchen cabinet (Type D) not exceeding 800mm high and 290mm wide and 2100mm length as shown in Appendix 19D fixed to wall including all necessary ironmongery                                                                                                                                                                              | no   | 0.6            |
| CP.463 | Lower level wrot 'Kapur' kitchen cabinet (Type E) not exceeding 850mm high and 600mm wide and 6100mm length as shown in Appendix 19D fixed to wall including all necessary ironmongery (6mm hollow block wall to support sink and 100 x 100 x 6mm thick white wall tile finishes measured separately)                                                               | no   | 401.71         |

| S/No   | Description                                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.464 | Wrot 'Kapur' kitchen cabinet (Type F) as shown in Appendix 19E fixed to wall and concrete base including all necessary ironmongery (100 x 100 x 6mm thick white tiles measured separately)                                                                                    | no   | 1750.32        |
| CP.465 | Built-in wrot 'Kapur' wardrobe not exceeding 600mm wide with height to soffit of ceiling as shown in Appendix 19F fixed to wall and concrete base including all necessary ironmongery.                                                                                        | m    | 1619.25        |
| CP.466 | Wrot 'Kapur' kitchen cabinet full height (upper and lower level) fixed to wall and concrete base as shown in Appendix 19G including necessary sealants to abutting worktop and ironmongery.                                                                                   | m    | 467.5          |
| CP.467 | Wrot 'Kapur' kitchen cabinet (lower level) as shown in Appendix 19H fixed to wall and concrete base including all necessary ironmongery and sealants to abutting worktop.                                                                                                     | m    | 561            |
| CP.468 | Supply, fabricate and install built-in cabinet with sliding doors approx.size L3100mm x W600mm x H950mm, 20mm thick solid plywood with approved lamination,ABS edging and wooden trimming, adjustable shelves with key-alike lockable sliding doors c/w heavy duty roller and | no   | 420.75         |
| CP.469 | sliding track.  Take out existing counter (any type)/kitchen cabinet and remove off site.                                                                                                                                                                                     | m    | 765            |
| CP.470 | Repair to existing counter, kitchen sink cabinet and the like not exceeding 1 metre wide by replacing short lengths of damaged timber, plywood or formica lining not exceeding 0.5sq m per spot and recramp drawers or                                                        | m    |                |
|        | doors. (short lengths not exceeding 750mm long. Hollow black wall and white wall tile finishing measured separately)                                                                                                                                                          |      | 6.21           |
| CP.471 | Repair to existing cabinet, wardrobe, counter, etc including stripping the existing veneer lining and prepare surface to receive new finishes.                                                                                                                                | sq m | 58.31          |
| CP.472 | Dismantle existing cabinet, wardrobe, counter, etc and reinstall to new location.                                                                                                                                                                                             | m    | 23.8           |
| CP.473 | Make opening (any size) in new or existing counter top for sit-in sink including additional bearers and making good.                                                                                                                                                          | no   | 29.75          |
| CP.474 | Extra over counter, kitchen cabinet, shelves or other prefabricated joinery fitments which are rated against the break down items for extra handling, transportation, prefabrication, etc (length of fitments measured                                                        | m    | 36.47          |
| CP.475 | irrespective of width and height). Supply and fix water-resistant decorative postformed worktops of standard sizes 600mm x 3000mm x 40mm thick (marine ply base measured separately).                                                                                         | m    | 78.54          |
| CP.476 | Supply and fix water-resistant decorative postformed worktops of standard sizes 600mm x 3000mm x 20mm thick (marine ply base measured separately).                                                                                                                            | m    | 75.82          |
| CP.477 | Rubber felt lining to door frames.                                                                                                                                                                                                                                            | m    | 48.2           |
| CP.478 | Fibre felt lining to door frames.                                                                                                                                                                                                                                             | m    | 3.74           |
| CP.479 | Take out existing felt lining and prepare to receive new.                                                                                                                                                                                                                     | m    | 4              |
| CP.480 | Remove existing timber or steel or stone table, stools any size, etc and cart away off site including making good floor and wall finishes to match existing.                                                                                                                  | no   | 1.28           |
| CP.481 | Approved black rubber shoe to fitments etc.                                                                                                                                                                                                                                   | no   | 17.94          |
| CP.482 | Approved door seal to sides of door or window.                                                                                                                                                                                                                                | m    | 1.87           |

| CP.483 Approved door brush to top or bottom of doors.  CP.484 Louvre blades not exceeding 2,000sq mm in sectional area including fixing fillets CP.485 Add to above item CP470 for each additional increase of 2,000sq mm in sectional area CP.486 Hat and coat rail not exceeding 2,000sq mm in sectional area chamfered all round and screwed to wall CP.487 Add to above item CP472 for each additional increase of 2,000sq mm in sectional area CP.488 Take out existing hinges and remove off site.  CP.489 Fix only hinges CP.490 Take out existing hinges and remove off site.  CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges CP.492 Supply and install 35mm diameter stainless steel concealed hinges CP.493 Supply and install 35mm diameter stainless steel butt hinges 127 x B9,3mm with stainless screws CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x B9,3mm with stainless screws CP.495 Supply and install 2 ball bearing type stainless steel butt hinges 127 x B9,3mm with stainless screws CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two) CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of pair 1.7 CP.497 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of pair 2.81 two) CP.499 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of pair 2.81 two) CP.499 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of pair 2.81 two) CP.500 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of pair 3.4 two) CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of pair 4.93 two) CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.504 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.505 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.507 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of | S/No   | Description                                                              | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------|------|----------------|
| fillets Add to above item CP470 for each additional increase of 2,000sq mm in sectional area CP.486 Hat and coat rail not exceeding 2,000sq mm in sectional area chamfered all round and screwed to wall CP.487 Add to above item CP472 for each additional increase of 2,000sq mm in sectional area CP.488 Take out existing hinges and remove off site. CP.489 Fix only hinges CP.490 Take out existing hinges and refix. CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges CP.492 Supply and install 35mm diameter stainless steel concealed hinges CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two) CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two) CP.497 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two) CP.498 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two) CP.499 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two) CP.501 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two) CP.502 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of pair 2.81 two) CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.504 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.505 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.507 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.508 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.509 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 65mm heavy pressed steel hinges. (Rate per | CP.483 | Approved door brush to top or bottom of doors.                           | m    | 6.55           |
| Sectional area Hat and coat rail not exceeding 2,000sq mm in sectional area chamfered all round and screwed to wall  CP.487 Add to above item CP472 for each additional increase of 2,000sq mm in sectional area CP.488 Take out existing hinges and remove off site.  CP.489 Fix only hinges  CP.489 Fix only hinges  CP.490 Take out existing hinges and refix.  CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges  CP.492 Supply and install 35mm diameter stainless steel concealed hinges  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x no 12.33 89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 55mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fi | CP.484 |                                                                          | m    | 7.48           |
| Add to above item CP472 for each additional increase of 2,000sq mm in sectional area CP.488 Take out existing hinges and remove off site.  CP.489 Fix only hinges  CP.490 Take out existing hinges and refix.  CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges no 1.62  CP.492 Supply and install 35mm diameter stainless steel concealed hinges no 2.81  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x no 12.33  89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 55mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of pair 4.93 two)  CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per  | CP.485 | •                                                                        | m    | 2.89           |
| CP.488 Take out existing hinges and remove off site.  CP.489 Fix only hinges  CP.490 Take out existing hinges and refix.  CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges  CP.492 Supply and install 35mm diameter stainless steel concealed hinges  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 90mm heavy presse | CP.486 | _ ,                                                                      | m    | 2.55           |
| CP.489 Fix only hinges  CP.490 Take out existing hinges and refix.  CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges  CP.492 Supply and install 35mm diameter stainless steel concealed hinges  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x  89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x  89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Suppl | CP.487 | •                                                                        | m    | 2.89           |
| CP.490 Take out existing hinges and refix.  CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges no 1.62  CP.492 Supply and install 35mm diameter stainless steel concealed hinges no 2.81  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x no 3.74  89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x no 12.33  89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)           | CP.488 | Take out existing hinges and remove off site.                            | no   | 2.55           |
| CP.491 Supply and install 35mm diameter nylon chrome plated concealed hinges no 2.81  CP.492 Supply and install 35mm diameter stainless steel concealed hinges no 2.81  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.495 Supply and install 2 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.496 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of pair two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of pair two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of pair 3.4 two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of pair 4.93 two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) pair 6.55  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) pair 2.81  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two) pair 3.91  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) pair 3.91  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) pair 4.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CP.489 | Fix only hinges                                                          | no   | 0.6            |
| CP.492 Supply and install 35mm diameter stainless steel concealed hinges no 2.81  CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x no 12.33 89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)                                                                                                                                                         | CP.490 | Take out existing hinges and refix.                                      | no   | 1.02           |
| CP.493 Supply and install 4 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x no 12.33 89.3mm with stainless screws CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two) CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two) CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two) CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two) CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two) CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two) CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two) CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) Dair Dair Dair Dair Dair Dair Dair Dair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CP.491 | Supply and install 35mm diameter nylon chrome plated concealed hinges    | no   | 1.62           |
| 89.3mm with stainless screws  CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws  CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two)  CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)                                                                                                                                                                                                                                                                                                                                | CP.492 | Supply and install 35mm diameter stainless steel concealed hinges        | no   | 2.81           |
| CP.494 Supply and install 2 ball bearing type stainless steel butt hinges 127 x 89.3mm with stainless screws CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two) CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two) CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two) CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two) CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two) CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two) CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two) CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) Dair Dair Dair Dair Dair Dair Dair Dair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CP.493 |                                                                          | no   | 3.74           |
| CP.495 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of two) CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two) CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two) CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two) CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of pair two) CP.501 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of pair two) CP.502 Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of pair two) CP.503 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) CP.504 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) CP.505 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two) CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.507 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) CP.508 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) CP.500 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)                                                                                                                                                   | CP.494 | Supply and install 2 ball bearing type stainless steel butt hinges 127 x | no   | 12.33          |
| CP.496 Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of two)  CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.507 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.508 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.509 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CP.495 | Supply & fix 50mm butt medium pressed steel hinges. (Rate per pair of    | pair | 9.78           |
| CP.497 Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of two)  CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Death of two pair pair supply and pair pair supply and pair sup | CP.496 | Supply & fix 65mm butt medium pressed steel hinges. (Rate per pair of    | pair | 0.94           |
| CP.498 Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of two)  CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dear Total Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CP.497 | Supply & fix 75mm butt medium pressed steel hinges. (Rate per pair of    | pair | 1.7            |
| CP.499 Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of two)  CP.500 Supply & fix 125mm butt medium pressed steel hinges. (Rate per pair of two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  Dair  A.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP.498 | Supply & fix 90mm butt medium pressed steel hinges. (Rate per pair of    | pair | 2.81           |
| two)  CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  A.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CP.499 | Supply & fix 100mm butt medium pressed steel hinges. (Rate per pair of   | pair | 2.81           |
| CP.501 Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of two)  CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two)  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)  A.93  4.93  4.93  4.93  4.93  CP.504 Pair of two                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CP.500 |                                                                          | pair | 3.4            |
| CP.502 Supply & fix 50mm heavy pressed steel hinges. (Rate per pair of two) pair 6.55  CP.503 Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two) pair 1.87  CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two) pair 2.81  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) pair 3.91  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) pair 4.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CP.501 | Supply & fix 150mm butt medium pressed steel hinges. (Rate per pair of   | pair | 4.93           |
| CP.504 Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two) pair 2.81  CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) pair 3.91  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) pair 4.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CP.502 | ·                                                                        | pair | 6.55           |
| CP.505 Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two) pair 3.91  CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) pair 4.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CP.503 | Supply & fix 65mm heavy pressed steel hinges. (Rate per pair of two)     | pair | 1.87           |
| CP.506 Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two) pair 4.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP.504 | Supply & fix 75mm heavy pressed steel hinges. (Rate per pair of two)     | pair | 2.81           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CP.505 | Supply & fix 90mm heavy pressed steel hinges. (Rate per pair of two)     | pair | 3.91           |
| CP.507 Supply & fix 125mm heavy pressed steel hinges. (Rate per pair of two) pair 6.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP.506 | Supply & fix 100mm heavy pressed steel hinges. (Rate per pair of two)    | pair | 4.51           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CP.507 | Supply & fix 125mm heavy pressed steel hinges. (Rate per pair of two)    | pair | 6.12           |
| CP.508 Supply & fix 150mm heavy pressed steel hinges. (Rate per pair of two) pair 7.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP.508 | Supply & fix 150mm heavy pressed steel hinges. (Rate per pair of two)    | pair | 7.06           |

| S/No   | Description                                                                                                                       | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.509 | Supply & fix 75mm stainless steel hinges. (Rate per pair of two)                                                                  | pair | 8.08           |
| CP.510 | Supply & fix 90mm stainless steel hinges. (Rate per pair of two)                                                                  | pair | 11.9           |
| CP.511 | Supply & fix 100mm stainless steel hinges. (Rate per pair of two)                                                                 | pair | 19.04          |
| CP.512 | Supply and fix 125mm stainless steel hinges                                                                                       | pair | 13.69          |
| CP.513 | Supply & fix 50mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                                | pair | 23.97          |
| CP.514 | Supply & fix 65mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                                | pair | 4.68           |
| CP.515 | Supply & fix 75mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                                | pair | 5.44           |
| CP.516 | Supply & fix 90mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                                | pair | 6.21           |
| CP.517 | Supply & fix 100mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                               | pair | 6.21           |
| CP.518 | Supply & fix 125mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                               | pair | 7.4            |
| CP.519 | Supply & fix 150mm solid drawn brass with steel pins hinges. (Rate per pair of two)                                               | pair | 18.7           |
| CP.520 | Supply & fix 100mm WISS stainless steel ball bearing butt hinges. (Rate per pair of two)                                          | pair | 30.86          |
| CP.521 | Supply & fix 100mm nylon chrom plated butt hinges. (Rate per pair of two)                                                         | pair | 29.92          |
| CP.522 | Supply & fix 75mm counter back flap, solid drawn brass with steel pins butt hinges. (Rate per pair of two)                        | pair | 5.36           |
| CP.523 | Supply & fix 90mm counter back flap, solid drawn brass with steel pins butt hinges. (Rate per pair of two)                        | pair | 14.03          |
| CP.524 | Supply & fix 100mm counter back flap, solid drawn brass with steel pins butt hinges. (Rate per pair of two)                       | pair | 16.15          |
| CP.525 | Supply & fix 75mm Parliament hinges solid drawn brass with steel pins. (Rate per pair of two)                                     | pair | 17.43          |
| CP.526 | Supply & fix 90mm Parliament hinges solid drawn brass with steel pins.  (Rate per pair of two)                                    | pair | 17.85          |
| CP.527 | Supply & fix 100mm Parliament hinges solid drawn brass with steel pins.  (Rate per pair of two)                                   | pair | 21.51          |
| CP.528 | Supply & fix 75mm Japanned steel helical spring-hinges single action.  (Rate per pair of two)                                     | pair | 38.85          |
| CP.529 | Supply & fix 100mm Japanned steel helical spring-hinges single action.  (Rate per pair of two)                                    | pair | 7.48           |
| CP.530 | Supply & fix 150mm Japanned steel helical spring-hinges single action.  (Rate per pair of two)                                    | pair | 9.35           |
| CP.531 | Supply & fix 75mm Japanned steel helical spring-hinges double action.                                                             | pair | 12.16          |
| CP.532 | (Rate per pair of two)  Supply & fix 100mm Japanned steel helical spring-hinges double action.                                    | pair | 16.83          |
| CP.533 | (Rate per pair of two)  Supply & fix 150mm Japanned steel helical spring-hinges double action.                                    | pair | 26.18          |
| CP.534 | (Rate per pair of two) Supply & fix 75mm Brass/chromium plated steel helical spring hinges, single action. (Rate per pair of two) | pair | 37.4           |

| S/No   | Description                                                                                                                     | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.535 | Supply & fix 100mm Brass/chromium plated steel helical spring hinges, single action. (Rate per pair of two)                     | pair | 6.55           |
| CP.536 | Supply & fix 150mm Brass/chromium plated steel helical spring hinges, single action. (Rate per pair of two)                     | pair | 7.99           |
| CP.537 | Supply & fix 75mm Brass/chromium plated steel helical spring hinges, double action. (Rate per pair of two)                      | pair | 17.34          |
| CP.538 | Supply & fix 100mm Brass/chromium plated steel helical spring hinges, double action. (Rate per pair of two)                     | pair | 15.9           |
| CP.539 | Supply & fix 150mm Brass/chromium plated steel helical spring hinges, double action. (Rate per pair of two)                     | pair | 18.7           |
| CP.540 | Supply & fix 75mm Aluminium spring hinges. (Rate per pair of two)                                                               | pair | 28.05          |
| CP.541 | Supply & fix 100mm Aluminium spring hinges. (Rate per pair of two)                                                              | pair | 5.19           |
| CP.542 | Supply & fix 150mm Aluminium spring hinges. (Rate per pair of two)                                                              | pair | 6.12           |
| CP.543 | Supply & fix 200mm Japanned Tee hinges. (Rate per pair of two)                                                                  | pair | 7.06           |
| CP.544 | Supply & fix 250mm Japanned Tee hinges. (Rate per pair of two)                                                                  | pair | 2.72           |
| CP.545 | Supply & fix 300mm Japanned Tee hinges. (Rate per pair of two)                                                                  | pair | 4.08           |
| CP.546 | Supply & fix 450mm Japanned Tee hinges. (Rate per pair of two)                                                                  | pair | 4.93           |
| CP.547 | Supply & fix 600mm Japanned Tee hinges. (Rate per pair of two)                                                                  | pair | 10.54          |
| CP.548 | Supply & fix 300mm Japanned strap hinges with all necessary bolts and nuts. (Rate per pair of two)                              | pair | 13.35          |
| CP.549 | Supply & fix 375mm Japanned strap hinges with all necessary bolts and nuts. (Rate per pair of two)                              | pair | 1.53           |
| CP.550 | Supply & fix 450mm Japanned strap hinges with all necessary bolts and nuts. (Rate per pair of two)                              | pair | 2.47           |
| CP.551 | Supply & fix 525mm Japanned strap hinges with all necessary bolts and nuts. (Rate per pair of two)                              | pair | 3.4            |
| CP.552 | Supply & fix 600mm Japanned strap hinges with all necessary bolts and nuts. (Rate per pair of two)                              | pair | 4              |
| CP.553 | Supply and fix 38mm diameter brass ring fitments hinges.                                                                        | pair | 4.85           |
| CP.554 | Supply and fix 44mm long brass arch fitments hinges.                                                                            | pair | 7.4            |
| CP.555 | Supply and fix 44mm long nylon arch fitments hinges.                                                                            | pair | 8.08           |
| CP.556 | Supply and fix purpose-made mild steel machined pivot hinge with side welded to steel gate and hook welded to tubular gate post | pair | 6.8            |
| CP.557 | Supply and fix piano hinges (stainless steel)                                                                                   | m    | 24.65          |
| CP.558 | Supply only 'Union' double action floor spring with shoe fixing and top centre (8512 - 122AS) (per set of two).                 | set  | 11.82          |
| CP.559 | Supply only 'Union' duo-check single-action heavy duty floor springs (per set of two)                                           | set  | 359.98         |
| CP.560 | Supply only single action (No 8524 - 135AS or No 8524 - 546AS) (per set of two)                                                 | set  | 307.62         |

| S/No   | Description                                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.561 | Supply only DT 22 Ohtori Kilco double action floor spring (per set of two)                                                                                                           | set  | 282.71         |
| CP.562 | Supply only Dorma BTS 75V (non hold or hold open) floor spring c/w door straps, extended spindle, stainless steel cover plate and screw pack                                         | no   | 286.2          |
| CP.563 | Supply only Dorma BTS 84 (non holder or hold open) floor spring c/w door strap, AL receiver, AL top pivot or centre, stainless steel cover plate and                                 | no   | 391            |
| CP.564 | screw pack Supply only Dorma BTS 80 heavy duty floor spring with backcheck, hold open, stainless steel cover plate and screw pack                                                    | no   | 306            |
| CP.565 | Fix only floor spring including preparing floor to receive floor spring, making good work disturbed and rehanging door leaf (floor spring provided separately)                       | set  | 682.55         |
| CP.566 | Take out existing floor spring and remove off site including taking down door leaf and making good work disturbed.                                                                   | set  | 60.78          |
| CP.567 | Take out existing floor spring, repair/service without replacing any components, fix back floor spring including taking down and rehanging door leaf and making good work disturbed. | set  | 51.43          |
| CP.568 | To provide labour, tools and transport etc to fix only closer any type and size including taking down glass door, rehang and re-alignment of glass door.                             | set  | 102.85         |
| CP.569 | Supply only Dorma BTS84 floor spring body c/w stainless steel cover plate and screw pack (non- hold or hold open)                                                                    | no   | 93.5           |
| CP.570 | Supply only Dorma BTS75V floor spring body only (non-hold or hold open)                                                                                                              | no   | 306            |
| CP.571 | Supply only Dorma BTS75V stainless steel cover plate c/w screw pack                                                                                                                  | no   | 391            |
| CP.572 | Supply only Dorma BTS80 heavy duty floor spring body only                                                                                                                            | no   | 48.62          |
| CP.573 | Supply only Dorma BTS80 stainless steel cover plate c/w screw pack                                                                                                                   | no   | 654.5          |
| CP.574 | Supply only Dorma PT10 insert for patch - fitting glass doors                                                                                                                        | no   | 58.91          |
| CP.575 | Supply only Dorma PT10 lower patch c/w insert , base and cover for patch-fitting glass doors                                                                                         | no   | 56.1           |
| CP.576 | Supply only Dorma PT20 insert for patch - fitting glass doors                                                                                                                        | no   | 112.2          |
| CP.577 | Supply only Dorma PT20 upper patch c/w insert, base and cover for patch - fitting glass doors                                                                                        | no   | 56.1           |
| CP.578 | Supply only Dorma PT24 top pivot for patch - fitting glass doors                                                                                                                     | no   | 112.2          |
| CP.579 | Supply only Dorma PC91 cylinder - Nikel for patch - fitting glass doors                                                                                                              | no   | 56.1           |
| CP.580 | Supply only Dorma AL door strap - 7422 for timber door/ aluminium for glass doors                                                                                                    | no   | 84.15          |
| CP.581 | Supply only Dorma AL top centre for timber door/ aluminium for glass doors                                                                                                           | no   | 56.1           |
| CP.582 | Supply only Dorma AL receiver for timber door/ aluminium for glass doors                                                                                                             | no   | 56.1           |
| CP.583 | Supply only Dorma GD door strap- 8023 for top and bottom APG Shoe for glass door                                                                                                     | no   | 56.1           |
| CP.584 | Supply only Dorma GD top centre for top and bottom APG Shoe for glass door                                                                                                           | no   | 56.1           |

| S/No   | Description                                                                                     | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------|------|----------------|
| CP.585 | Supply only Dorma GD receiver for top and bottom APG Shoe for glass door                        | no   | 56.1           |
| CP.586 | Supply only Dorma door strap - 7421 for top and bottom APG Shoe for glass door                  | no   | 56.1           |
| CP.587 | Supply and fix 150mm stainless steel flush bolt                                                 | no   | 56.1           |
| CP.588 | Supply and fix 225mm stainless steel flush bolt                                                 | no   | 8.25           |
| CP.589 | Supply and fix chrome plated indicating bolt (Alpha 630)                                        | no   | 9.69           |
| CP.590 | Fix only indicating bolt (bolt provided)                                                        | no   | 9.44           |
| CP.591 | Fix only barrel or flush bolt (bolt provided)                                                   | no   | 4.51           |
| CP.592 | Take out existing barrel, flush or indicating bolt, cart away and make good work disturbed.     | no   | 2.21           |
| CP.593 | Supply & fix 75mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck)  | no   | 0.6            |
| CP.594 | Supply & fix 100mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 1.87           |
| CP.595 | Supply & fix 150mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 2.64           |
| CP.596 | Supply & fix 200mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 2.81           |
| CP.597 | Supply & fix 250mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 3.49           |
| CP.598 | Supply & fix 300mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 4.25           |
| CP.599 | Supply & fix 375mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 5.27           |
| CP.600 | Supply & fix 450mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 1.87           |
| CP.601 | Supply & fix 600mm Japanned barrel/pad/shoot/tower bolts with polished shoot (straight or neck) | no   | 6.89           |
| CP.602 | Supply & fix 75mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)     | no   | 7.99           |
| CP.603 | Supply & fix 100mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 3.32           |
| CP.604 | Supply & fix 150mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 4              |
| CP.605 | Supply & fix 200mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 5.02           |
| CP.606 | Supply & fix 250mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 5.61           |
| CP.607 | Supply & fix 300mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 6.12           |
| CP.608 | Supply & fix 375mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 7.31           |
| CP.609 | Supply & fix 450mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 11.05          |
| CP.610 | Supply & fix 600mm Brass barrel/pad/shoot/tower bolts with polished shoot (straight or neck)    | no   | 13.43          |

| S/No   | Description                                                                                                                                           | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.611 | Supply & fix 75mm Brass slide pattern flush bolt with brass shoot (straight or neck)                                                                  | no   | 15.64          |
| CP.612 | Supply & fix 100mm Brass slide pattern flush bolt with brass shoot (straight or neck)                                                                 | no   | 4.42           |
| CP.613 | Supply & fix 150mm Brass slide pattern flush bolt with brass shoot (straight or neck)                                                                 | no   | 5.95           |
| CP.614 | Supply & fix 200mm Brass slide pattern flush bolt with brass shoot (straight or neck)                                                                 | no   | 7.74           |
| CP.615 | Supply & fix 75mm aluminium slide pattern flush bolt                                                                                                  | no   | 11.56          |
| CP.616 | Supply & fix 100mm aluminium slide pattern flush bolt                                                                                                 | no   | 8.42           |
| CP.617 | Supply & fix 150mm aluminium slide pattern flush bolt                                                                                                 | no   | 10.63          |
| CP.618 | Supply & fix 200mm aluminium slide pattern flush bolt                                                                                                 | no   | 17.43          |
| CP.619 | Supply & fix 100mm Stainless steel slide pattern flush bolt                                                                                           | no   | 21.17          |
| CP.620 | Supply & fix 150mm Stainless steel slide pattern flush bolt                                                                                           | no   | 8.67           |
| CP.621 | Supply & fix 200mm Stainless steel slide pattern flush bolt                                                                                           | no   | 8.93           |
| CP.622 | Supply & fix 250mm Stainless steel slide pattern flush bolt                                                                                           | no   | 11.82          |
| CP.623 | Supply & fix 300mm Stainless steel slide pattern flush bolt                                                                                           | no   | 12.16          |
| CP.624 | Supply & fix 450mm Stainless steel slide pattern flush bolt                                                                                           | no   | 13.09          |
| CP.625 | Supply & fix 600mm Stainless steel slide pattern flush bolt                                                                                           | no   | 14.96          |
| CP.626 | Supply and fix extra strong 150mm Japanned padlock bolt eyelets & security fastened with nuts & with 16mm diameter polished shoot (excluding padlock) | no   | 24.31          |
| CP.627 | Supply and fix extra strong 200mm Japanned padlock bolt eyelets & security fastened with nuts & with 16mm diameter polished shoot (excluding padlock) | no   | 3.4            |
| CP.628 | Supply and fix extra strong 300mm Japanned padlock bolt eyelets & security fastened with nuts & with 16mm diameter polished shoot (excluding padlock) | no   | 4.68           |
| CP.629 | Supply and fix extra strong 450mm Japanned padlock bolt eyelets & security fastened with nuts & with 16mm diameter polished shoot (excluding padlock) | no   | 5.61           |
| CP.630 | Take out existing panic bolt, remove off site and making good work disturbed.                                                                         | no   | 7.31           |
| CP.631 | Fix only panic bolt.                                                                                                                                  | no   | 4.08           |
| CP.632 | Supply only 'Union' panic bolt for single door, sliver enamel (No 80121 SE)                                                                           | set  | 20.57          |
| CP.633 | Supply only 'Union' panic bolt for double rebated door (No 80131SE)                                                                                   | set  | 103.79         |

| S/No   | Description                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.634 | Supply and fix purposed-made mild steel drop bolt 19mm diameter x 406mm long complete with tubular guides welded on to gate to fit into and including 25mm x 152mm long socket set in and including concrete (Grade 15) base 152mm x 152mm x 228mm deep including all necessary excavation and disposal of excavated materials. | no   | 149.18         |
| CP.635 | Supply and fix purpose-made mild steel shoot bolt consisting of 19mm diameter mild steel bar 190mm long with tubular guides welded on to gate complete with 3mm thick mild steel slotted handle welded on to gate including drilling gate members as necessary.                                                                 | no   | 15.47          |
| CP.636 | Supply only door selector                                                                                                                                                                                                                                                                                                       | no   | 14.37          |
| CP.637 | Install and adjust door selector(door selector supplied)                                                                                                                                                                                                                                                                        | no   | 29.92          |
| CP.638 | Remove door selector off site and make good surface                                                                                                                                                                                                                                                                             | no   | 4.68           |
| CP.639 | Supply and fix Showa 1100P stainless steel indicating bolts.                                                                                                                                                                                                                                                                    | no   | 2.38           |
| CP.640 | Supply and fix 75mm chromium plated indicating bolt to toilets door.                                                                                                                                                                                                                                                            | no   | 20.66          |
| CP.641 | Supply and fix 100mm chromium plated indicating bolt to toilets door.                                                                                                                                                                                                                                                           | no   | 11.22          |
| CP.642 | Supply and fix Union 8094 indicating bolt to public toilet door with English wordings ENGAGED and VACANT                                                                                                                                                                                                                        | no   | 12.92          |
| CP.643 | Supply and fix Delta 6000 indicating bolt in replacement.                                                                                                                                                                                                                                                                       | no   | 18.7           |
| CP.644 | Supply and fix M & B stainless steel indicating bolt for toilet cubicle                                                                                                                                                                                                                                                         | no   | 9.44           |
| CP.645 | Supply and fix "Besco" privacy thumbturn bolt for toilet cubicle door                                                                                                                                                                                                                                                           | no   | 31.79          |
| CP.646 | Supply and fix DYNAFLEX DF13 series Nylon lockset for toilet cubicle.                                                                                                                                                                                                                                                           | no   | 15.9           |
| CP.647 | Supply and fix DYNAFLEX DF13 series Nylon door knob for toilet cubicle.                                                                                                                                                                                                                                                         | no   | 16.83          |
| CP.648 | Supply and fix DYNAFLEX DF13 series Nylon cock hook for toilet cubicle.                                                                                                                                                                                                                                                         | no   | 13.09          |
| CP.649 | Supply and fix DYNAFLEX DF13 series Nylon hinges (Auto) for toilet cubicle.                                                                                                                                                                                                                                                     | no   | 6.55           |
| CP.650 | Supply and fix DYNAFLEX DF13 series Nylon hinges (Free) for toilet cubicle.                                                                                                                                                                                                                                                     | no   | 18.7           |
| CP.651 | Take out existing casement stay, cart away and make good work disturbed                                                                                                                                                                                                                                                         | no   | 15.9           |
| CP.652 | Fix only casement stay (stay provided separately)                                                                                                                                                                                                                                                                               | no   | 0.68           |
| CP.653 | Supply and fix 200mm Art black malleable iron casement stay                                                                                                                                                                                                                                                                     | no   | 2.21           |
| CP.654 | Supply and fix 250mm Art black malleable iron casement stay                                                                                                                                                                                                                                                                     | no   | 3.06           |
| CP.655 | Supply and fix 300mm Art black malleable iron casement stay                                                                                                                                                                                                                                                                     | no   | 4.08           |
| CP.656 | Supply and fix 250mm Art black galvanised steel casement stay                                                                                                                                                                                                                                                                   | no   | 4.93           |

| S/No   | Description                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.657 | Supply and fix 300mm Art black galvanised steel casement stay                                                                                   | no   | 5.78           |
| CP.658 | Supply and fix 200mm Art black brass casement stay                                                                                              | no   | 7.4            |
| CP.659 | Supply and fix 250mm Art black brass casement stay                                                                                              | no   | 8.59           |
| CP.660 | Supply and fix 300mm Art black brass casement stay                                                                                              | no   | 10.63          |
| CP.661 | Supply and fix 250mm Art black anodised silver casement stay                                                                                    | no   | 11.14          |
| CP.662 | Supply and fix 300mm Art black anodised silver casement stay                                                                                    | no   | 13.6           |
| CP.663 | Supply and fix Art black malleable iron heavy casement fastener with hook plate or mortice plate                                                | no   | 14.96          |
| CP.664 | Supply and fix Aluminium sliding window semi-circular catch with or without lock                                                                | no   | 4.76           |
| CP.665 | Supply and fix Brass sliding window semi-circular catch with or without lock                                                                    | no   | 4.25           |
| CP.666 | Supply and fix Satin chrome sliding window semi-circular catch with or without lock                                                             | no   | 10.12          |
| CP.667 | Supply and fix Anodised sliver sliding window semi-circular catch with or without lock                                                          | no   | 11.39          |
| CP.668 | Supply only stainless steel bolt for sliding window.                                                                                            | no   | 13.26          |
| CP.669 | Take out existing casement stay or casement fastener, cart away and make good work disturbed.                                                   | no   | 16.83          |
| CP.670 | Fix only casement fastener (Fastener provided)                                                                                                  | no   | 0.68           |
| CP.671 | Supply and fix 300mm long galvanised steel 'whitco' jumbo or other equal and approved combination of casement hinge and stay for heavy casement | set  | 2.21           |
| CP.672 | Supply and fix 500mm long galvanised steel 'whitco' jumbo or other equal and approved combination of casement hinge and stay for heavy casement | set  | 12.24          |
| CP.673 | Supply and fix 300mm long brass 'whitco' jumbo or other equal and approved combination of casement hinge and stay for heavy casement            | set  | 21.25          |
| CP.674 | Supply and fix 400mm long brass 'whitco' jumbo or other equal and approved combination of casement hinge and stay for heavy casement            | set  | 35.28          |
| CP.675 | Fix only rim lock latch, deadlock or night latch etc complete with handle or knob, if any (lock or latch provided)                              | no   | 44.46          |
| CP.676 | Fix only rebate type rim lock latch, deadlock or night latch etc complete with handle or knob, if any (lock or latch provided)                  | no   | 7.82           |
| CP.677 | Fix only mortice lock or latch complete with handle or knob, if any (lock or latch provided)                                                    | no   | 9.01           |
| CP.678 | Fix only rebate type mortice lock or latch complete with handle or knob, if any (lock or latch provided)                                        | no   | 9.52           |
| CP.679 | Fix only cupboard or drawer lock (lock provided)                                                                                                | no   | 10.63          |
| CP.680 | Take out existing lock (any type and size) including furniture, cart away and make good work disturbed.                                         | no   | 4.68           |
| CP.681 | Take out existing latch (any type and size) including furniture, cart away and make good work disturbed.                                        | no   | 3.74           |

| S/No   | Description                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.682 | Take out existing lock (any type and size) but clean, oil and refix                                                                                                                                  | no   | 2.21           |
| CP.683 | Take out existing latch (any type and size) but clean, oil and refix                                                                                                                                 | no   | 12.33          |
| CP.684 | Open up lock, recondition and refix it                                                                                                                                                               | no   | 6.55           |
| CP.685 | Fix only roller shutter lock (any type and any size)                                                                                                                                                 | no   | 20.57          |
| CP.686 | Supply only two levers, mortice sash lock with enamelled black case and chromium plated forend, striking plate and lever handle (Union No 2295) including two keys                                   | no   | 6.55           |
| CP.687 | Supply only two levers, rebated mortice sash lock with enamelled black case and chromium plated forend, striking plate and lever handle (Union No 2242) including two keys                           | no   | 15.47          |
| CP.688 | Supply only three levers, mortice sash lock with enamelled sliver case and satin finish forend striking plate and lever handles (Union No 2277) including two keys                                   | no   | 27.12          |
| CP.689 | Supply only three levers, rebated mortice sash lock with enamelled sliver case and satin finish forend striking plate and lever handles (Union No 2279) including two keys                           | no   | 28.05          |
| CP.690 | Supply only single or double cylinder mortice sash lock with enamelled silver case and satin finish forend, striking plate and lever handles (Union No 2241 or 22241) including two keys             | no   | 49.13          |
| CP.691 | Supply only single or double cylinder rebated mortice sash lock with enamelled silver case and satin finish forend, striking plate and lever handles (Union No 2245 or 22245) including two keys     | no   | 56.1           |
| CP.692 | Supply only single or double cylinder mortice lockset with anodised aluminium lever handle furniture, concealed fixing (Union Raven Situe No 643-46-41AS or 643-46-241AS) including two keys         | no   | 73.44          |
| CP.693 | Supply only single or double cylinder rebated mortice lock set with anodised aluminium lever handle furniture, concealed fixing (Union Raven SuiteNo 643-46-45AS or 643-43-245AS) including two keys | no   | 59.16          |
| CP.694 | Supply only UNION single cyclinder lock calibrated to suit master key system                                                                                                                         | no   | 73.44          |
| CP.695 | Supply only mortice locket (Yale 7011-S20-40) including two keys                                                                                                                                     | no   | 39.27          |
| CP.696 | Supply only rebated mortice lockset (Yale 7011-S20-40) including two keys                                                                                                                            | no   | 36.04          |
| CP.697 | Supply only mortice lock complete with handles (Showa Model CL-05-3000) including two keys                                                                                                           | no   | 46.33          |
| CP.698 | Supply only integral mortice c/w key and thumb turn (Showa IS-05-DA-US32D-90mm) including two keys                                                                                                   | no   | 64.77          |
| CP.699 | Supply only mortice lockset c/w aluminium lever handle and outside key only (Showa CL-35- 3000-US32D) including two keys                                                                             | no   | 44.88          |
| CP.700 | Supply only mortice lockset c/w aluminium lever handle (Showa CL-U15-3000-US32D) including two keys                                                                                                  | no   | 55.17          |
| CP.701 | Supply only mortice lockset c/w single cylinder and thumb turn (Union 2241SC/2.50/3K) including two keys                                                                                             | no   | 55.17          |
| CP.702 | Supply only mortice lockset c/w key and thumb turn (Goal PSSS-12/70mm polished stainless steel) including two keys                                                                                   | no   | 51             |

| S/No   | Description                                                                                                                                 | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.703 | Supply only mortice lockset c/w key and aluminium level handle (Lockwood, 572-512 SC) (Right hand Reversible Plainlatch) including two keys | no   | 143.99         |
| CP.704 | Supply only Union Cameo series complete with knob set including two keys                                                                    | no   | 149.6          |
| CP.705 | Supply only Showa model Ss-G25 lockset including two keys                                                                                   | no   | 43.18          |
| CP.706 | Supply only Union 626-46-3 cylinder handle including two keys                                                                               | no   | 41.65          |
| CP.707 | Supply only Yale Euro profile 214A. 66 (i.e. 66mm long) one side thumbturn-one side key way or both sides key way cylinder.                 | no   | 20.15          |
| CP.708 | Supply only Yale Euro profile 210.62 (i.e. 62mm long) one side thumbturn-<br>one side key way or both sides key way cylinder (any colour).  | no   | 18.7           |
| CP.709 | Supply only Yale Euro profile 23030 (74mm long) double cylinder (any colour)                                                                | no   | 18.7           |
| CP.710 | Supply only Yale Euro profile 33030 (74mm long), one side thumbturn and one side key way cylinder (any colour)                              | no   | 34.6           |
| CP.711 | Supply only Yale Euro profile 212.40 (40 mm long) sinlge cylinder (any colour)                                                              | no   | 34.6           |
| CP.712 | Supply only rim deadlock with black enamelled case, and staple and knob handles (Union No 1116) including two keys                          | no   | 18.7           |
| CP.713 | Supply only three levers rim deadlock with black enamelled case, and staple and knob handles(Union No 1439) including two keys              | no   | 17.77          |
| CP.714 | Supply only two levers rim deadlock with black enamelled case, and staple and knob handles (Union No 1445) including two keys               | no   | 34.6           |
| CP.715 | Supply only single or double cylinder mortice deadlock complete with handles (Union No 2141 or 21241) including two keys                    | no   | 20.15          |
| CP.716 | Supply only single or double cylinder rebated with mortice deadlock complete with handles (Union No 2145 or 21245) including two keys       | no   | 45.73          |
| CP.717 | Supply only double cylinder, mortice deadlock for aluminium door (Union 21253) including two keys                                           | no   | 65.45          |
| CP.718 | Supply only single or double mortice deadlock complete with handles (Showa No 393) including two keys                                       | no   | 53.3           |
| CP.719 | Supply only single or double cylinder mortice deadlock (Showa 397-35-R-25-MK-36W) including two keys                                        | no   | 21.51          |
| CP.720 | Supply only both side keyway entrance knobset (Showa SS-G26-UA-US32D-70mm) including two keys                                               | no   | 38.93          |
| CP.721 | Supply only both side keyway (Showa 397-26-US32D-50mm deadlock) including two keys                                                          | no   | 40.21          |
| CP.722 | Supply only double cylinder, mortice deadlock for aluminium door (Union No 21253) including two keys                                        | no   | 39.27          |
| CP.723 | Supply only single or double mortice deadlock complete with handles (Showa No 393) including two keys                                       | no   | 53.3           |
| CP.724 | Supply only single or double cylinder mortice deadlock(Showa 397-35-R-25-MK-36W) including two keys                                         | no   | 21.51          |
| CP.725 | Supply only both side keyway entrance knobset(Showa SS-G26-UA-US32D-70 mm) including two keys                                               | no   | 38.93          |
| CP.726 | Supply only both side keyway (Showa 397-26-US32D-50 mm deadlock) including two keys                                                         | no   | 40.21          |
| CP.727 | Supply only single or double cylinder mortice deadlock c/w handles and two sets of keys (Goal ADP 511 or equivalent)                        | no   | 39.27          |

| S/No   | Description                                                                                                                                                                        | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.728 | Take out the existing cylinder of a mortice lockset and replace with new (new mortice lockset provided)                                                                            | no   | 46.75          |
| CP.729 | Supply only mortice plain latch set complete with handles (Union Raven Series 643-94-48AS) including two keys                                                                      | no   | 3.74           |
| CP.730 | Supply only standard pattern cylinder rim night latch, enamelled silver case and staple and brass knob (Union No 1022) including two keys                                          | no   | 22.95          |
| CP.731 | Supply only single or double cylinder mortice night latch (Union No 23332/23232) including two keys                                                                                | no   | 30.09          |
| CP.732 | Supply only Anodised aluminium tubular lock sets for internal doors, inside turnbutton outside emergency cylinder and complete with handles (Viro No 69014) including two keys     | no   | 55.93          |
| CP.733 | Take out door chain latch                                                                                                                                                          | no   | 44.88          |
| CP.734 | Brass doorchain latch (Supply and install)                                                                                                                                         | no   | 1.45           |
| CP.735 | Supply only Showa SS-U65-Ua-US32D-70 mm knobset c/w emergency slot and push button                                                                                                 | no   | 4.68           |
| CP.736 | Supply only 150 mm black japanned locking bar                                                                                                                                      | no   | 26.18          |
| CP.737 | Supply only 200 mm black japanned locking bar                                                                                                                                      | no   | 4.25           |
| CP.738 | Supply only 250 mm black japanned locking bar                                                                                                                                      | no   | 4.68           |
| CP.739 | Supply only 300 mm black japanned locking bar                                                                                                                                      | no   | 5.36           |
| CP.740 | Supply only 350 mm black japanned locking bar                                                                                                                                      | no   | 6.55           |
| CP.741 | Supply only 450 mm black japanned locking bar                                                                                                                                      | no   | 7.57           |
| CP.742 | Supply only 13 mm diameter x 200 mm long locking bar for meter room including bolts and nuts and removing existing damaged one                                                     | no   | 8.67           |
| CP.743 | Supply only 360 mm long purpose made mild steel locking bar of 25 mm mild steel rod welded to 75 x 100 x 5 mm thick flat handle with slot including all necessary hooks and shoots | no   | 6.38           |
| CP.744 | Supply only 460 mm long purpose made mild steel locking bar of 25 mm mild steel rod welded to 75 x 100 x 5 mm thick flat handle with slot including all necessary hooks and shoots | no   | 5.87           |
| CP.745 | Supply only 600 mm long purpose made mild steel locking bar of 25 mm mild steel rod welded to 75 x 100 x 5 mm thick flat handle with slot including all necessary hooks and shoots | no   | 6.89           |
| CP.746 | Supply only 750 mm long purpose made mild steel locking bar of 25 mm mild steel rod welded to 75 x 100 x 5 mm thick flat handle with slot including all necessary hooks and shoots | no   | 7.74           |
| CP.747 | Supply only mortice bathroom lock with enamelled black case, chromium plated forend, striking plate and handles (Union No. 2294) including two keys                                | no   | 9.27           |
| CP.748 | Supply only spring loaded sliding glass door lock including two keys                                                                                                               | no   | 17.77          |
| CP.749 | Supply only drawer lock (Union 4046) including two keys                                                                                                                            | no   | 4.68           |
| CP.750 | Supply only cupboard/drawer lock (Union 4137) including two keys                                                                                                                   | no   | 13.6           |

| S/No   | Description                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.751 | Supply only cupboard lock (Union 4138 or 4148) including two keys                                                                                               | no   | 17.85          |
| CP.752 | Supply only cupboard lock (Union 4146) including two keys                                                                                                       | no   | 14.2           |
| CP.753 | Supply only cupboard lock (Union 4147) including two keys                                                                                                       | no   | 13.6           |
| CP.754 | Supply only sliding cupboard lock (Union 4346) including two keys                                                                                               | no   | 21.25          |
| CP.755 | Supply only cupboard lock (Viro 1055) including two keys                                                                                                        | no   | 27.12          |
| CP.756 | Supply only cupboard/drawer lock (Viro No 69032 or 69033) or equivalent including two keys                                                                      | no   | 7.74           |
| CP.757 | Supply and install cupboard/drawer lock (Globe or Diamond)                                                                                                      | no   | 9.86           |
| CP.758 | Supply and install cupboard lock (Ocean Camlock)                                                                                                                | no   | 2.38           |
| CP.759 | Supply and install metal cabinet lockset (AIKO, GODREJ, etc.) c/w locking rods, including take out existing lockset (any type), prepare to receive new lockset. | set  | 4.68           |
| CP.760 | Supply and install double cylinder mortice sliding door lock for aluminium door (Union No 24253)                                                                | no   | 37.4           |
| CP.761 | Take out existing cupboard/drawer lock and remove off site                                                                                                      | no   | 50.66          |
| CP.762 | Take out existing cupboard/drawer lock but repair and refix                                                                                                     | no   | 0.94           |
| CP.763 | Supply and fix zinc till cupboard lock (deck drawer)                                                                                                            | no   | 1.87           |
| CP.764 | Supply only double cylinder mortice sliding door lock for aluminium door (Union No 24253)                                                                       | no   | 11.99          |
| CP.765 | Supply only single cylinder sliding door lock (Union No 2441)                                                                                                   | no   | 50.66          |
| CP.766 | Supply only rebated single cylinder sliding door lock (Union No 2445)                                                                                           | no   | 45.82          |
| CP.767 | Supply only single cylinder sliding door lock (Showa No 376-05-50)                                                                                              | no   | 61.71          |
| CP.768 | Supply only single cylinder sliding door lock (Showa No 376-05-MK-40W)                                                                                          | no   | 52.11          |
| CP.769 | Supply only single cylinder sliding door lock complete with aluminium lever handle (Showa No CL-05-3002)                                                        | no   | 55.51          |
| CP.770 | Supply only double cylinder sliding door lock (Showa 376-26-50)                                                                                                 | no   | 57.97          |
| CP.771 | Supply only double cylinder sliding door lock complete with stainless steel lever handle (Showa CL-26-2510)                                                     | no   | 55             |
| CP.772 | Supply hydraulic cyclinder for refuse chute                                                                                                                     | no   | 73.7           |
| CP.773 | Supply only sliding glass door lock (YKK YB 3K-6311B)                                                                                                           | no   | 84.66          |
| CP.774 | Supply only sliding glass door lock (Reliance J-6)                                                                                                              | no   | 28.05          |
| CP.775 | Supply only flush lock (Alpha 5A11)                                                                                                                             | no   | 24.31          |
| I      |                                                                                                                                                                 |      |                |

| S/No   | Description                                                                                                                | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.776 | Supply only Aluminium sliding grille gate lock (DLC or equivalent)                                                         | no   | 23.38          |
| CP.777 | Supply only roller shutter lock (Viro 8202/8203)                                                                           | no   | 11.22          |
| CP.778 | Supply and install Viro central lockset                                                                                    | no   | 25.5           |
| CP.779 | Supply and install Viro left and right locket                                                                              | pair | 42.08          |
| CP.780 | Supply only 'CHUBB' Battleship Padlock IK 11 with 3 keys                                                                   | no   | 30.86          |
| CP.781 | Supply only 'CHUBB' Cruiser Padlock IK 21 with 2 keys                                                                      | no   | 112.2          |
| CP.782 | Supply only 'CHUBB' AVA Padlock IK 42 complete with keys                                                                   | no   | 74.8           |
| CP.783 | Supply only 38 mm padlock (Union No 3102)                                                                                  | no   | 53.3           |
| CP.784 | Supply only 50 mm padlock (Union No 3102)                                                                                  | no   | 12.16          |
| CP.785 | Supply only 63 mm padlock (Union No 3102)                                                                                  | no   | 16.83          |
| CP.786 | Supply only 30 mm marine padlock (Viro 69060)                                                                              | no   | 22.02          |
| CP.787 | Supply only 40 mm marine padlock shackle 20 mm (Viro 69061)                                                                | no   | 13.09          |
| CP.788 | Supply only 40 mm marine padlock shackle 40 mm (Viro 69062)                                                                | no   | 15.9           |
| CP.789 | Supply only 50 mm marine padlock (Viro 69063)                                                                              | no   | 17.77          |
| CP.790 | Supply only 31 mm padlock (Abloy 3015)                                                                                     | no   | 21.51          |
| CP.791 | Supply and install Kaba 4828.000.13 night latch (72mm) In SS\$ c/w SP with 60mm backset (Left/Right)                       | set  | 13.43          |
| CP.792 | Supply and install Kaba 4641 passage lock (72mm) In SSS c/w SP with 60mm backset (Left/Right)                              | set  | 114.75         |
| CP.793 | Supply and install Kaba 4626 security deadlock (72mm) In SSS c/w SP with 60mm backset (Left/Right)                         | set  | 114.75         |
| CP.794 | Supply and install 8503 - D-Serels KS863 Lever Handle In SSS, c/w 8mm rose and bolt through screws (Left/Right)            | set  | 114.75         |
| CP.795 | Supply and install Kaba (Gemini 's') Single cylinder 35mm in Euro profile standard nickel plating finish with 3 keys       | set  | 68             |
| CP.796 | Supply and install Kaba (Gemini 'S') Double cylinder 35/35mm In Euro profile standard nickel plating finish with 3 keys    | set  | 76.5           |
| CP.797 | Supply and install Kaba (Gemini 'S') Thumbturn cylinder 35/35mm In Euro profile standard nickel plating finish with 3 keys | set  | 85             |
| CP.798 | Supply and install Kaba (Gemini 'S') 1112 Roller Shutter cylinder In standard nickel plating finish c/w 2 keys             | set  | 93.5           |
| CP.799 | Kaba (Gemini 'S') Key Duplication                                                                                          | no   | 76.5           |
| CP.800 | Kaba (Gemini 'S') Elolegic Key Duplication                                                                                 | set  | 21.25          |
| CP.801 | Supply and install Kaba (Gemini 'S') 2010C padlock with 2 keys                                                             | set  | 42.5           |

| S/No   | Description                                                                                                                                                                         | Unit     | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|
| CP.802 | Supply and install Kaba B113 Roller Shutter Lockcose (Left/Right)                                                                                                                   | set      | 110.5          |
| CP.803 | Supply and install Glutz 4828 nightlatch (72mm) in SSS c/w SP with 60mm backset (Right or Left)                                                                                     | set      | 63.75          |
| CP.804 | Supply and install Glutz 4829 sashlock (72mm) in SSS c/w SP with 60mm backset (Right or Left)                                                                                       | set      | 68             |
| CP.805 | Supply and install Glutz 4641 passage lock (72mm) in SSS c/w SP with 60mm backset (Right or Left)                                                                                   | set      | 68             |
| CP.806 | Supply and install Glutz 4826 security deadlock (72mm) in SSS c/w SP with 60mm backset (Right or Left)                                                                              | set      | 63.75          |
| CP.807 | Supply and install Glutz 4872 heavy duty roller latch (72mm) in SSS c/w SP with 60mm backset (Right or Left)                                                                        | set      | 63.75          |
| CP.808 | Supply and install Glutz 4000 series Rebated kit in aluminium rectangular                                                                                                           | no       | 68             |
| CP.809 | Supply and install Glutz Escutcheons (Euro Profile)                                                                                                                                 | pair     | 8.5            |
| CP.810 | Supply and install Glutz 4821 Sashlock 72mm) in SSS c/w SP with 60mm backset (Right or Left)                                                                                        | set      | 8.5            |
| CP.811 | Supply only 47 mm padlock (Abloy 3041)                                                                                                                                              | no       | 68             |
| CP.812 | Supply only 56 mm padlock (Abloy 3085)                                                                                                                                              | no       | 23.46          |
| CP.813 | Supply only 70 mm padlock (Abloy 3065)                                                                                                                                              | no       | 54.4           |
| CP.814 | Supply and install approved Keylex 700 series, model 22703AS mechanical lock, including take out existing lockset (any type), prepare to receive new mechanical lock.               | no       | 64.77          |
| CP.815 | Supply and install approved Keylex 1000 series, model 22523M mechanical lock c/w key bypass including take out existing lockset (any type), prepare to receive new mechanical lock. | no       | 374            |
| CP.816 | Supply and install approved Keylex 1100 series, model 22623M mechanical lock, including take out existing lockset (any type), prepare to receive new mechanical lock.               | no       | 710.6          |
| CP.817 | Supply and install approved Keylex 2100 series, model 22403M mechanical lock, including take out existing lockset (any type), prepare to receive new mechanical lock.               | no       | 888.25         |
| CP.818 | Supply and install "Digital" or equal and approved mechanical lock, including take out existing lockset (any type), prepare to receive new mechanical lock.                         | no<br>no |                |
|        | Supply and fix "Digital" or other approved and equivalent pushbutton door lock.                                                                                                     |          | 1075.25        |
| CP.819 | Supply only 25mm padlock (Tricycle)                                                                                                                                                 | no       | 280.5          |
| CP.820 | Take out door closer or bracket, cart away or stack aside and make good work disturbed                                                                                              | no       | 205.7          |
| CP.821 | Fix only door closer or bracket to door and frame (door closer provided)                                                                                                            | no       | 2.38           |
| CP.822 | Fix only concealed type door closer or bracket to door and frame (door closer provided)                                                                                             | no       | 1.87           |
| CP.823 | Supply only enamel door closer (Ryobi 61)                                                                                                                                           | no       | 6.55           |

| S/No   | Description                                                                                           | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------|------|----------------|
| CP.824 | Supply only 47 mm padlock (Abloy 3041)                                                                | no   | 10.29          |
| CP.825 | Supply only 56 mm padlock (Abloy 3085)                                                                | no   | 28.05          |
| CP.826 | Supply only 70 mm padlock (Abloy 3065)                                                                | no   | 23.46          |
| CP.827 | Take out existing door closer, service, adjust and refix in position                                  | no   | 54.4           |
| CP.828 | Supply only door closer (Yale 2003)                                                                   | no   | 64.77          |
| CP.829 | Supply only door closer, silver anodised finish (Union No 8850AS)                                     | no   | 3.32           |
| CP.830 | Supply only door closer with hold open arm (Union 88502AS)                                            | no   | 38.34          |
| CP.831 | Supply only door closer with hold open arm for door opening out (Union No 8835AS)                     | no   | 94.44          |
| CP.832 | Supply only door closer of (Briton 2000 series)                                                       | no   | 104.72         |
| CP.833 | Supply only door closer of (Briton 2005 series)                                                       | no   | 94.44          |
| CP.834 | Supply only door closer (Delta 80 series)                                                             | no   | 82.28          |
| CP.835 | Supply only door closer (Delta 60 series)                                                             | no   | 161.76         |
| CP.836 | Supply and replace Dorma TS83 Hold Open type Door closer                                              | set  | 32.47          |
| CP.837 | Supply and replace Dorma TS73VF Door closer                                                           | no   | 108.04         |
| CP.838 | Supply and replace Dorma TS73VF hold open type Door closer                                            | no   | 255            |
| CP.839 | Supply and replace Dorma TS73VF slide arm and channel Door closer                                     | no   | 161.5          |
| CP.840 | Supply and replace Dorma TS83 Door closer                                                             | no   | 195.5          |
| CP.841 | Supply and replace Dorma TS83 slide arm and channel Door closer                                       | no   | 229.5          |
| CP.842 | Supply only parallel arm bracket                                                                      | no   | 195.5          |
| CP.843 | Supply only door closer with open arm (NHN 183)                                                       | no   | 297.5          |
| CP.844 | Supply only door closer with open arm (NHN 182)                                                       | no   | 7.99           |
| CP.845 | Supply only door closer (NHN 84)                                                                      | no   | 56.1           |
| CP.846 | Supply only door closer (NHN 82)                                                                      | no   | 51.43          |
| CP.847 | Supply only door closer (NHN 1083) with slide arm and channel type                                    | no   | 72             |
| CP.848 | Minor repairs including adjusting, refixing and resecuring excluding replacement of parts/ironmongery | no   | 44.88          |

| S/No   | Description                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.849 | Minor repairs including adjusting, refixing and rescuring and replacement of short lengths eg rotten wood, plywood lining, veneer or laminated plastic finish, painting excluding upholstering | no   | 74.8           |
| CP.850 | Repairs only to drawer including replacing veneer or laminated plastic front, replacing lock, handle steel drawer track, painting and recramping as required                                   | no   | 5.44           |
| CP.851 | Supply and fix round bakelite roses and steel spindle, knobs 44 mm diameter for rim and mortice locks and latches                                                                              | no   | 14.96          |
| CP.852 | Supply and fix round bakelite roses and steel spindle, knobs 50 mm diameter for rim and mortice locks and latches                                                                              | no   | 14.96          |
| CP.853 | Supply and fix round bakelite roses and steel spindle, knobs 44 mm diameter case pressed brass or steel brass or bronze finish for rim and mortice locks and latches                           | no   | 4.08           |
| CP.854 | Supply and fix door knob ER1 (English Rose Collection)                                                                                                                                         | no   | 4.68           |
| CP.855 | Supply and fix door knob ER2 (English Rose Collection)                                                                                                                                         | no   | 8.25           |
| CP.856 | Supply and fix 'BESCO' black door knob for toilet cubicle door                                                                                                                                 | no   | 149.6          |
| CP.857 | Supply and fix chromium plated aluminium alloy, brass or bronze lever handles                                                                                                                  | no   | 139.32         |
| CP.858 | Supply and fix chrome plated brass or bronze drawer or cupboard dead knob 25 mm diameter                                                                                                       | no   | 12.67          |
| CP.859 | Supply and fix chrome plated brass or bronze drawer or cupboard dead knob 38 mm diameter                                                                                                       | no   | 22.44          |
| CP.860 | Supply and fix chrome plated brass or bronze drawer or cupboard dead knob 50 mm diameter                                                                                                       | no   | 4.08           |
| CP.861 | Supply and fix plastic cupboard or drawer knob, 40 mm diameter                                                                                                                                 | no   | 5.19           |
| CP.862 | Supply and fix 'U' plastic drawer handle                                                                                                                                                       | no   | 6.21           |
| CP.863 | Supply and fix nylon bow handles without plate 100 mm long or 'U' shaped door handles                                                                                                          | no   | 4.08           |
| CP.864 | Supply and fix aluminium bow handles without plate 100 mm long or 'U' shaped door handles                                                                                                      | no   | 5.19           |
| CP.865 | Supply and fix brass bow handles without plate 100 mm long or 'U' shaped door handles                                                                                                          | no   | 1.45           |
| CP.866 | Supply and fix chromium plated bow handles without plate 100 mm long or 'U' shaped door handles                                                                                                | no   | 1.87           |
| CP.867 | Supply and fix aluminium bow handles without plate 150 mm long or 'U' shaped door handles                                                                                                      | no   | 9.95           |
| CP.868 | Supply and fix brass bow handles without plate 150 mm long or 'U' shaped door handles                                                                                                          | no   | 5.27           |
| CP.869 | Supply and fix chromium plated bow handles without plate 150 mm long or 'U' shaped door handles                                                                                                | no   | 6.72           |
| CP.870 | Supply and fix aluminium bow handles without plate 200 mm long or 'U' shaped door handles                                                                                                      | no   | 10.63          |
| CP.871 | Supply and fix brass bow handles without plate 200 mm long or 'U' shaped door handles                                                                                                          | no   | 6.21           |
| CP.872 | Supply and fix chromium plated bow handles without plate 200 mm long or 'U' shaped door handles                                                                                                | no   | 8.08           |

| CP.873         Supply and fix aluminium drawer pull 100 mm long         no         20.83           CP.874         Supply and fix brass drawer pull 100 mm long         no         6.55           CP.875         Supply and fix chromium plated drawer pull 100 mm long         no         2.72           CP.876         Supply and fix chromium plated five pull (fitment)         no         3.4           CP.877         Supply and fix brass flush pull (fitment)         no         4.51           CP.878         Supply and fix chromium plated flush pull (fitment)         no         3.83           CP.879         Supply and fix aluminium flush pull (entrance door)         no         3.74           CP.880         Supply and fix aluminium flush pull (entrance door)         no         4.51           CP.881         Supply and fix 300 mm Stainless steel flush pull         no         6.21           CP.881         Supply and fix 300 mm Stainless steel flush pull         no         6.21           CP.882         Supply and fix 300 mm Black japanned bow handle         no         14.03           CP.883         Supply and fix 100 mm Black japanned bow handle         no         74.8           CP.885         Supply and fix 150 mm Brass bow handle         no         1.45           CP.886         Supply and fix 100 mm Brass bow handle <th>S/No</th> <th>Description</th> <th>Unit</th> <th>Unit Cost (\$)</th>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/No   | Description                                                             | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------|------|----------------|
| CP.875 Supply and fix chromium plated drawer pull 100 mm long no 2.72  CP.876 Supply and fix aluminium flush pull (fitment) no 3.4  CP.877 Supply and fix brass flush pull (fitment) no 4.51  CP.878 Supply and fix chromium plated flush pull (fitment) no 3.83  CP.879 Supply and fix aluminium flush pull (entrance door) no 3.74  CP.880 Supply and fix aluminium 100 mm angle handle to drawers no 4.51  CP.881 Supply and fix 300 mm Stainless steel flush pull no 6.21  CP.882 Supply and fix 300 mm Stainless steel flush pull no 6.21  CP.883 Supply and fix 125mm diameter, 300mm long stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle no 74.8  CP.885 Supply and fix 150 mm Black japanned bow handle no 1.45  CP.886 Supply and fix 150 mm Brass bow handle no 1.45  CP.887 Supply and fix 150 mm Brass bow handle no 2.89  CP.888 Supply and fix anodised aluminium lever handle no 2.89  CP.890 Supply and fix 100 m Aluminium pivot window handle no 4.68  CP.891 Supply and fix 1000 m Aluminium pivot window handle no 5.44  CP.892 Supply and fix 1000 m Aluminium pivot window handle no 6.55  CP.893 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                   | CP.873 | Supply and fix aluminium drawer pull 100 mm long                        | no   | 20.83          |
| CP.876 Supply and fix aluminium flush pull (fitment)  CP.877 Supply and fix brass flush pull (fitment)  CP.878 Supply and fix chromium plated flush pull (fitment)  CP.879 Supply and fix aluminium flush pull (entrance door)  CP.879 Supply and fix aluminium flush pull (entrance door)  CP.880 Supply and fix aluminium 100 mm angle handle to drawers  cP.881 Supply and fix 300 mm Stainless steel flush pull  cP.882 Supply & install 25mm diameter, 300mm lomg stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle  cP.885 Supply and fix 150 mm Black japanned bow handle  cP.886 Supply and fix 150 mm Brass bow handle  cP.887 Supply and fix 150 mm Brass bow handle  cP.888 Supply and fix 150 mm Brass bow handle  cP.889 Supply and fix 150 mm Brass bow handle  cP.889 Supply and fix 150 mm Brass bow handle  cP.890 Supply and fix 100 mm Aluminium lever handle  cP.891 Supply and fix 100 mm Aluminium pivot window handle  cP.892 Supply and fix 100 mm Aluminium pivot window handle  cP.893 Supply and fix 1000 m Aluminium pivot window handle  cP.894 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  cP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  cP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  cP.896 Supply and fix Baked enamel magnetic catch fixed to wall                                                                                                                                                                                                                                                                                                                                                | CP.874 | Supply and fix brass drawer pull 100 mm long                            | no   | 6.55           |
| CP.877 Supply and fix brass flush pull (fitment) no 4.51  CP.878 Supply and fix chromium plated flush pull (fitment) no 3.83  CP.879 Supply and fix aluminium flush pull (entrance door) no 3.74  CP.880 Supply and fix aluminium 100 mm angle handle to drawers no 4.51  CP.881 Supply and fix 300 mm Stainless steel flush pull no 6.21  CP.882 Supply & install 25mm diameter, 300mm lomg stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply & install 25mm diameter, 300mm lomg stainless steel glass door handles (per set of two), including take out existing handles.  CP.884 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.885 Supply and fix 100 mm Black japanned bow handle no 140.25  CP.886 Supply and fix 150 mm Black japanned bow handle no 1.45  CP.887 Supply and fix 150 mm Brass bow handle no 1.79  CP.888 Supply and fix 150 mm Brass bow handle no 2.89  CP.889 Supply and fix union 5562 306 mm extrude aluminium door handle no 4.68  CP.890 Supply and fix Union 5562 306 mm extrude aluminium door handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                  | CP.875 | Supply and fix chromium plated drawer pull 100 mm long                  | no   | 2.72           |
| CP.878 Supply and fix chromium plated flush pull (fitment)  CP.879 Supply and fix aluminium flush pull (entrance door)  CP.880 Supply and fix aluminium 100 mm angle handle to drawers  CP.881 Supply and fix 300 mm Stainless steel flush pull  CP.882 Supply & install 25mm diameter, 300mm long stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle  CP.885 Supply and fix 150 mm Black japanned bow handle  CP.886 Supply and fix 150 mm Brass bow handle  CP.887 Supply and fix 100 mm Brass bow handle  CP.888 Supply and fix 100 mm Brass bow handle  CP.889 Supply and fix 100 mm Brass bow handle  CP.889 Supply and fix 1000 mm Aluminium lever handle  CP.889 Supply and fix 1000 m Aluminium pivot window handle  CP.890 Supply and fix 1000 m Aluminium pivot window handle  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.897 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.897 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.898 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.899 Supply and fix Brass floor spring stopper fixed to floor or wall                                                                                                                                                             | CP.876 | Supply and fix aluminium flush pull (fitment)                           | no   | 3.4            |
| CP.879 Supply and fix aluminium flush pull (entrance door)  CP.880 Supply and fix aluminium 100 mm angle handle to drawers  CP.881 Supply and fix 300 mm Stainless steel flush pull  CP.882 Supply & install 25mm diameter, 300mm long stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle  CP.885 Supply and fix 150 mm Black japanned bow handle  CP.886 Supply and fix 150 mm Brass bow handle  CP.887 Supply and fix 150 mm Brass bow handle  CP.888 Supply and fix 150 mm Brass bow handle  CP.889 Supply and fix union 5562 306 mm extrude aluminium door handle  CP.890 Supply and fix 1000 m Aluminium pivot window handle  CP.891 Supply and fix 1000 m Aluminium pivot window handle  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.895 Supply and fix Stainless steel door stop fixed to floor or wall  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.897 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.897 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.898 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.899 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.899 Supply and fix Brass floor spring stopper fixed to floor or wall                                                                                                                                                                                                                    | CP.877 | Supply and fix brass flush pull (fitment)                               | no   | 4.51           |
| CP.880 Supply and fix aluminium 100 mm angle handle to drawers no 4.51  CP.881 Supply and fix 300 mm Stainless steel flush pull no 6.21  CP.882 Supply & install 25mm diameter, 300mm lomg stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 3mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle no 140.25  CP.885 Supply and fix 150 mm Black japanned bow handle no 74.8  CP.886 Supply and fix 100 mm Brass bow handle no 1.45  CP.887 Supply and fix 100 mm Brass bow handle no 1.79  CP.888 Supply and fix anodised aluminium lever handle no 2.89  CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle no 4.68  CP.890 Supply and fix 1000 m Aluminium pivot window handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.895 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.896 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CP.878 | Supply and fix chromium plated flush pull (fitment)                     | no   | 3.83           |
| CP.881 Supply and fix 300 mm Stainless steel flush pull  CP.882 Supply & install 25mm diameter, 300mm long stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle  CP.885 Supply and fix 150 mm Black japanned bow handle  CP.886 Supply and fix 150 mm Brass bow handle  CP.887 Supply and fix 150 mm Brass bow handle  CP.888 Supply and fix 150 mm Brass bow handle  CP.889 Supply and fix anodised aluminium lever handle  CP.889 Supply and fix anodised aluminium lever handle  CP.890 Supply and fix 1000 m Aluminium pivot window handle  CP.891 Supply and fix 1000 m Aluminium pivot window handle  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CP.879 | Supply and fix aluminium flush pull (entrance door)                     | no   | 3.74           |
| CP.882 Supply & install 25mm diameter, 300mm long stainless steel glass door handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle no 140.25  CP.885 Supply and fix 150 mm Black japanned bow handle no 74.8  CP.886 Supply and fix 100 mm Brass bow handle no 1.45  CP.887 Supply and fix 150 mm Brass bow handle no 1.79  CP.888 Supply and fix anodised aluminium lever handle no 2.89  CP.889 Supply and fix union 5562 306 mm extrude aluminium door handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CP.880 | Supply and fix aluminium 100 mm angle handle to drawers                 | no   | 4.51           |
| handles (per set of two), including take out existing handles.  CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm  CP.884 Supply and fix 100 mm Black japanned bow handle  CP.885 Supply and fix 150 mm Black japanned bow handle  CP.886 Supply and fix 100 mm Brass bow handle  CP.887 Supply and fix 100 mm Brass bow handle  CP.888 Supply and fix 150 mm Brass bow handle  CP.889 Supply and fix anodised aluminium lever handle  CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle  CP.890 Supply and fix 1000 m Aluminium pivot window handle  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CP.881 | Supply and fix 300 mm Stainless steel flush pull                        | no   | 6.21           |
| CP.883 Supply 32mm dia stainless steel flush pull handle (any shape) of length 600mm CP.884 Supply and fix 100 mm Black japanned bow handle CP.885 Supply and fix 150 mm Black japanned bow handle CP.886 Supply and fix 150 mm Black japanned bow handle CP.887 Supply and fix 100 mm Brass bow handle CP.888 Supply and fix 150 mm Brass bow handle CP.888 Supply and fix anodised aluminium lever handle CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle CP.890 Supply and fix 1000 m Aluminium pivot window handle CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork CP.894 Supply and fix Stainless steel door stop fixed to floor or wall CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  14.03 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.25 140.2 | CP.882 | , ,,,                                                                   | set  | 5.19           |
| CP.884 Supply and fix 100 mm Black japanned bow handle no 140.25  CP.885 Supply and fix 150 mm Black japanned bow handle no 74.8  CP.886 Supply and fix 100 mm Brass bow handle no 1.45  CP.887 Supply and fix 150 mm Brass bow handle no 1.79  CP.888 Supply and fix anodised aluminium lever handle no 2.89  CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle no 4.68  CP.890 Supply and fix 1000 m Aluminium pivot window handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP.883 | Supply 32mm dia stainless steel flush pull handle (any shape) of length | pair | 14.03          |
| CP.886 Supply and fix 100 mm Brass bow handle no 1.45  CP.887 Supply and fix 150 mm Brass bow handle no 1.79  CP.888 Supply and fix anodised aluminium lever handle no 2.89  CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle no 4.68  CP.890 Supply and fix 1000 m Aluminium pivot window handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CP.884 |                                                                         | no   | 140.25         |
| CP.887 Supply and fix 150 mm Brass bow handle  CP.888 Supply and fix anodised aluminium lever handle  CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle  CP.890 Supply and fix 1000 m Aluminium pivot window handle  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CP.885 | Supply and fix 150 mm Black japanned bow handle                         | no   | 74.8           |
| CP.888 Supply and fix anodised aluminium lever handle  CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle  CP.890 Supply and fix 1000 m Aluminium pivot window handle  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no  12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CP.886 | Supply and fix 100 mm Brass bow handle                                  | no   | 1.45           |
| CP.889 Supply and fix Union 5562 306 mm extrude aluminium door handle no 4.68  CP.890 Supply and fix 1000 m Aluminium pivot window handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CP.887 | Supply and fix 150 mm Brass bow handle                                  | no   | 1.79           |
| CP.890 Supply and fix 1000 m Aluminium pivot window handle no 5.44  CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CP.888 | Supply and fix anodised aluminium lever handle                          | no   | 2.89           |
| CP.891 Supply and fix 200 x 115 mm extruded aluminium door pull/handle no 28.05  CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CP.889 | Supply and fix Union 5562 306 mm extrude aluminium door handle          | no   | 4.68           |
| CP.892 Supply and fix rubber door stop not exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no  12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CP.890 | Supply and fix 1000 m Aluminium pivot window handle                     | no   | 5.44           |
| to wood, concrete or brickwork  CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CP.891 | Supply and fix 200 x 115 mm extruded aluminium door pull/handle         | no   | 28.05          |
| CP.893 Supply and fix rubber door stop exceeding 40 mm diameter and fixing to wood, concrete or brickwork  CP.894 Supply and fix Stainless steel door stop fixed to floor or wall  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall  no  12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP.892 |                                                                         | no   | 4.68           |
| CP.894 Supply and fix Stainless steel door stop fixed to floor or wall no 1.87  CP.895 Supply and fix Brass floor spring stopper fixed to floor or wall no 2.81  CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CP.893 | Supply and fix rubber door stop exceeding 40 mm diameter and fixing to  | no   | 6.55           |
| CP.896 Supply and fix Baked enamel magnetic catch fixed to wall no 12.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CP.894 | ·                                                                       | no   | 1.87           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CP.895 | Supply and fix Brass floor spring stopper fixed to floor or wall        | no   | 2.81           |
| CP.897 Supply and fix Brass door stopper with rubber buffer no 24.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CP.896 | Supply and fix Baked enamel magnetic catch fixed to wall                | no   | 12.16          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CP.897 | Supply and fix Brass door stopper with rubber buffer                    | no   | 24.31          |
| CP.898 Supply and fix Steel door stopper with rubber buffer no 5.61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CP.898 | Supply and fix Steel door stopper with rubber buffer                    | no   | 5.61           |

| S/No   | Description                                                                                                                                                                                                                                             | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.899 | Fix only stopper (any type) to wall/floor/door                                                                                                                                                                                                          | no   | 8.16           |
| CP.900 | Supply and fix approved plastic or steel ball catch or magnetic catch for fitment                                                                                                                                                                       | no   | 6.8            |
| CP.901 | Supply and fix approved steel ball catch or magnetic catch for fitment                                                                                                                                                                                  | no   | 1.7            |
| CP.902 | Supply and fix Black japanned door chain and slot catch                                                                                                                                                                                                 | no   | 4.68           |
| CP.903 | Supply and fix Ball catch                                                                                                                                                                                                                               | no   | 3.74           |
| CP.904 | Supply and fix cupboard catch                                                                                                                                                                                                                           | no   | 2.81           |
| CP.905 | Supply and fix wall type door catch complete with spring clip adjustable by turning, fixing screws hot pressed in stainless steel chromium plated finish                                                                                                | no   | 0.85           |
| CP.906 | Supply and fix 75 mm x 300 mm x 1.5 mm anodised aluminium push plate                                                                                                                                                                                    | no   | 1.53           |
| CP.907 | Supply and fix 100 mm x 300 mm x 1.5 mm anodised aluminium push plate                                                                                                                                                                                   | no   | 17.77          |
| CP.908 | Supply and fix 200 mm x 200 mm x 1.5 mm anodised aluminium push plate                                                                                                                                                                                   | no   | 6.29           |
| CP.909 | Supply and fix 200 mm x 300 mm x 1.5 mm anodised aluminium push plate                                                                                                                                                                                   | no   | 7.82           |
| CP.910 | Supply and fix 200 mm x 900 mm x 1.5 mm anodised aluminium push plate                                                                                                                                                                                   | no   | 8.08           |
| CP.911 | Supply and fix 200 mm x 300 mm x 1.5 mm anodised aluminium kicking plate                                                                                                                                                                                | no   | 17.34          |
| CP.912 | Supply and fix 230 mm x 900 mm x 1.5 mm anodised aluminium kicking plate                                                                                                                                                                                | no   | 42.08          |
| CP.913 | Supply and fix any size but 2mm thick anodised (18 micron) aluminium plated on both surfaces                                                                                                                                                            | sq m | 17.34          |
| CP.914 | Take out damaged sliding tracks, cart away and make good work disturbed (size of opening measured)                                                                                                                                                      | m    | 42.08          |
| CP.915 | Take out loose sliding track and refix (size of opening measured)                                                                                                                                                                                       | m    | 56.1           |
| CP.916 | Brass or Aluminium cupboard or cabinet sliding top and bottom tracks (size of opening measured)                                                                                                                                                         | m    | 0.26           |
| CP.917 | Nylon cupboard or cabinet sliding top and bottom tracks (size of opening measured)                                                                                                                                                                      | m    | 0.68           |
| CP.918 | Plastic drawer track                                                                                                                                                                                                                                    | no   | 12.16          |
| CP.919 | PVC coated metal drawer track complete with roller                                                                                                                                                                                                      | no   | 10.29          |
| CP.920 | Supply and fix Henderson or other equal and approved sliding and folding door gear complete with track, channel brackets, hanger, guides and acessories including fixing to timber door. (Any width and height of door)(Rate per metre of door opening) | m    | 5.19           |
| CP.921 | Take out sliding door gear complete, remove of site and make good work disturbed                                                                                                                                                                        | set  | 5.61           |
| CP.922 | Take out parts of sliding door gear as necessary, adjust, refix, oil and bring to working good, taking down and rehanging door as necessary (per door opening)                                                                                          | no   | 304.56         |

| S/No   | Description                                                                                             | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------|------|----------------|
| CP.923 | Supply and fix sliding door gear complete with tracks, channel brackets, hanger, guides and accessories | no   | 16.83          |
| CP.924 | Supply 'Henderson' 21 K hanger                                                                          | no   | 79.48          |
| CP.925 | Supply 'Henderson' 106R/94 guide                                                                        | no   | 185.98         |
| CP.926 | Supply & fix 75mm common wire cabin hooks & eyes                                                        | no   | 35.53          |
| CP.927 | Supply & fix 150mm common wire cabin hooks & eyes                                                       | no   | 4.42           |
| CP.928 | Supply & fix 225mm common wire cabin hooks & eyes                                                       | no   | 1.19           |
| CP.929 | Supply & fix 300mm common wire cabin hooks & eyes                                                       | no   | 1.19           |
| CP.930 | Supply & fix 75mm Japanned malleable iron 'very strong' pattern cabin hooks & eyes                      | no   | 1.79           |
| CP.931 | Supply & fix 150mm Japanned malleable iron 'very strong' pattern cabin hooks & eyes                     | no   | 2.21           |
| CP.932 | Supply & fix 225mm Japanned malleable iron 'very strong' pattern cabin hooks & eyes                     | no   | 1.87           |
| CP.933 | Supply & fix 300mm Japanned malleable iron 'very strong' pattern cabin hooks & eyes                     | no   | 2.47           |
| CP.934 | Supply & fix 375mm Japanned malleable iron 'very strong' pattern cabin hooks & eyes                     | no   | 3.74           |
| CP.935 | Supply & fix 450mm Japanned malleable iron 'very strong' pattern cabin hooks & eyes                     | no   | 5.36           |
| CP.936 | Supply & fix 75mm brass cabin hooks & eyes                                                              | no   | 7.23           |
| CP.937 | Supply & fix 150mm brass cabin hooks & eyes                                                             | no   | 9.1            |
| CP.938 | Supply & fix 200mm brass cabin hooks & eyes                                                             | no   | 3.83           |
| CP.939 | Supply & fix 250mm brass cabin hooks & eyes                                                             | no   | 5.95           |
| CP.940 | Supply & fix 300mm brass cabin hooks & eyes                                                             | no   | 8.93           |
| CP.941 | Supply & fix 75 mm Japanned steel wire loop, hinged to plate with hasp and staple or plate              | no   | 11.14          |
| CP.942 | Supply & fix 100mm Japanned steel wire loop, hinged to plate with hasp and staple or plate              | no   | 14.71          |
| CP.943 | Supply & fix 125mm Japanned steel wire loop, hinged to plate with hasp and staple or plate              | no   | 2.04           |
| CP.944 | Supply & fix 150mm Japanned steel wire loop, hinged to plate with hasp and staple or plate              | no   | 2.13           |
| CP.945 | Supply & fix 200mm Japanned steel wire loop, hinged to plate with hasp and staple or plate              | no   | 2.47           |
| CP.946 | Supply & fix 75 mm Japanned flat bar 38 x 3 mm with hinged joint hasps and staples                      | no   | 3.15           |
| CP.947 | Supply & fix 100mm Japanned flat bar 38 x 3 mm with hinged joint hasps and staples                      | no   | 3.32           |
| CP.948 | Supply & fix 125mm Japanned flat bar 38 x 3 mm with hinged joint hasps and staples                      | no   | 2.13           |

| S/No   | Description                                                                                            | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------|------|----------------|
| CP.949 | Supply & fix 150mm Japanned flat bar 38 x 3 mm with hinged joint hasps and staples                     | no   | 2.47           |
| CP.950 | Supply & fix 75 mm Brass flat bar 38 x 3 mm with hinged joint hasps and staples                        | no   | 2.64           |
| CP.951 | Supply & fix 100mm Brass flat bar 38 x 3 mm with hinged joint hasps and staples                        | no   | 5.27           |
| CP.952 | Supply & fix 125mm Brass flat bar 38 x 3 mm with hinged joint hasps and staples                        | no   | 11.39          |
| CP.953 | Supply and fix 135 x 65 mm Brass hasps and staples                                                     | no   | 13.77          |
| CP.954 | Supply and fix 200 x 75 x 3 mm Brass hasps and staples                                                 | no   | 18.02          |
| CP.955 | Supply and fix 125 x 65 x 6 mm Brass hasps and staples                                                 | no   | 26.18          |
| CP.956 | Supply and fix 135 x 65 x 6mm Brass hasps and staples                                                  | no   | 24.31          |
| CP.957 | Supply and fix 150 x 65 x 6 mm Brass hasps and staples                                                 | no   | 25.25          |
| CP.958 | Take off existing hook (any type) eye or hasp and staple, remove off site and make good work disturbed | no   | 26.18          |
| CP.959 | Fix only cabin hook and eye or hasp and staple/toilet roll holder                                      | no   | 28.05          |
| CP.960 | Supply and fix 150 mm anodised aluminium coat hook with black inserts                                  | no   | 0.6            |
| CP.961 | Supply and fix 150 mm black Japanned coat hooks                                                        | no   | 1.7            |
| CP.962 | Supply and fix 150 mm chromium plated brass coat hooks                                                 | no   | 3.4            |
| CP.963 | Supply and fix 150 mm Stainless steel coat hook                                                        | no   | 1.62           |
| CP.964 | Supply and fix 150 mm Stainless steel hat and coat hook with rubber buffer                             | no   | 4              |
| CP.965 | Supply and fix 50 mm Aluminium hat and coat hooks                                                      | no   | 4.68           |
| CP.966 | Supply and fix 100 mm Brass cabin hook and eye                                                         | no   | 5.44           |
| CP.967 | Supply and fix 150 mm Brass cabin hook and eye                                                         | no   | 1.96           |
| CP.968 | Supply and fix 200 mm Brass cabin hook and eye                                                         | no   | 1.96           |
| CP.969 | Supply and fix 100 mm Black japanned cabin hook and eye                                                | no   | 2.13           |
| CP.970 | Supply and fix 150 mm Black japanned cabin hook and eye                                                | no   | 2.38           |
| CP.971 | Supply and fix 200 mm Black japanned cabin hook and eye                                                | no   | 1.87           |
| CP.972 | Supply and fix 250 mm Black japanned cabin hook and eye                                                | no   | 1.87           |
| CP.973 | Supply and fix 300 mm Black japanned cabin hook and eye                                                | no   | 1.96           |
| CP.974 | Supply and fix approved nylon brackets for adjustable shelves including drilling holes                 | no   | 2.04           |

| S/No   | Description                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.975 | Supply and fix approved steel plug for adjustable shelves including drilling holes                                                                                                                   | no   | 2.21           |
| CP.976 | Supply and fix Black Japanned brackets for shelves, 225 mm x 225 mm including matching screws                                                                                                        | no   | 0.26           |
| CP.977 | Supply and fix Black Japanned brackets for shelves, 300 mm x 300 mm including matching screws                                                                                                        | no   | 0.51           |
| CP.978 | Approved aluminium letter slot 150 mm long and fixed to timber including making hole in doors, partition, etc                                                                                        | no   | 3.06           |
| CP.979 | Labour for pulling out existing nails, hooks, screws, etc from timber, and fill up holes with putty or other approved material and touch up with paint to match existing                             | no   | 6.21           |
| CP.980 | Labour filling up door lock holes, hinges rebates, etc with and including timber, sand papering and knotting surface, and painting to match existing                                                 | no   | 22.44          |
| CP.981 | Plugging to walls and soffits complete for wood fillets, ground, moulding etc for fixing picture rails, name or number plates                                                                        | no   | 0.94           |
| CP.982 | Labour taking down and refixing cover fillets after renewal or frames of expanded metal doors and windows                                                                                            | m    | 4.68           |
| CP.983 | Labour taking down and removing decayed balusters, cover fillets, etc                                                                                                                                | m    | 0.34           |
| CP.984 | Supply and fix sawn Seriah timber of any size for rough barricading works                                                                                                                            | cu m | 0.51           |
| CP.985 | Supply and fix BRC 228 (50 x 50 x 4 mm diameter) galvanised weldmesh panels to wood frames with and including fillets, dismantling damaged corroded mesh, removing debris and painting to approval   | sq m | 0.26           |
| CP.986 | Supply and fix temporary partition constructed of timber framings and 6 mm thick plywood on One side and removal after use                                                                           | sq m | 280.5          |
| CP.987 | Supply and fix 1.3 mm thick, cigarette proof laminated plastic veneer pressed onto timber surfaces, etc with adhesive compound                                                                       | sq m | 11.73          |
| CP.988 | Marley' or other equal and approved vinyl handrail of approved colour fixed to 50 mm x 10 mm mild steel flat cove rail (measured separately) including joining and forming bend, ends, etc           | m    | 11.22          |
| CP.989 | 25 mm x 3 mm thick galvanised wrot iron water bar bedded and jointed in white lead                                                                                                                   | m    | 27.12          |
| CP.990 | 6 mm thick steel chain not exceeding 600 mm long to secure existing fire hose reel (padlock measured separately)                                                                                     | no   | 23.89          |
| CP.991 | Supply labour for replacing lock, hinges, casement stay, etc in metal casement, door, etc including taking out glass and refixing where necesary (Welding and cutting apparatus measured separately) | no   | 1.45           |
| CP.992 | Supply and fix 75 mm diameter swivel rubber castors                                                                                                                                                  | no   | 2.38           |
| CP.993 | Supply and fix 50 mm diameter swivel rubber castors                                                                                                                                                  | no   | 6.12           |
| CP.994 | Supply and fix polyurethane twin-wheel swivel castor wheel (any diameter)                                                                                                                            | no   | 8.16           |
| CP.995 | Supply and fix pneumatic 'chair height adjustment' gas cylinder (any approved type)                                                                                                                  | no   | 7.48           |
| CP.996 | Supply and fix 25 mmm diameter, 600 mm long stainless steel grab bar                                                                                                                                 | no   | 2.81           |
| CP.997 | 20 mm x 20 mm x 5 mm x 1 mm thick nylon 'U' shaped channel or 'L' shaped fixed to and including adhesive to edge of fitment door                                                                     | m    | 44.88          |

| S/No    | Description                                                                                                                        | Unit | Unit Cost (\$) |
|---------|------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.998  | 35 mm x 15 mm x 5 mm x 1 mm thick nylon 'U' shaped channel fixed to and including adhesive to edge of drawer                       | m    | 72             |
| CP.999  | To fix existing loose door knobs/handles or new knobs/handles c/w new screws to match existing                                     | no   | 4.93           |
| CP.1000 | Take out existing handles, knobs, etc to door fitments etc and remove off site                                                     | no   | 7.14           |
| CP.1001 | Supply and fix 30 mm diameter brass pulley                                                                                         | no   | 1.87           |
| CP.1002 | Supply and fix 20 mm diameter stainless steel bar including holders                                                                | no   | 1.11           |
| CP.1003 | Supply and fix 25 mm diameter stainless steel bar including holders                                                                | no   | 30.86          |
| CP.1004 | Refix round stainless steel bars or any material of any length                                                                     | no   | 5.61           |
| CP.1005 | Remove door selector and make good surface                                                                                         | no   | 6.55           |
| CP.1006 | Supply and fix 20 mm aluminium hollow bar including holder                                                                         | set  | 1.45           |
| CP.1007 | Supply and fix aluminium holder                                                                                                    | pair | 2.38           |
| CP.1008 | Calibrating 'Master or Key-alike System' single or double cylinder lock.                                                           | no   | 5.61           |
| CP.1009 | Duplicate keys for locksets                                                                                                        | no   | 2.81           |
| CP.1010 | Duplicate keys for 'KABA' lockset                                                                                                  | no   | 11.22          |
| CP.1011 | Duplicate keys for 'EWA DPI' security lockset 8181X series                                                                         | no   | 2.81           |
| CP.1012 | Supply and fix straps on bed batten strip                                                                                          | no   | 28.05          |
| CP.1013 | Supply and fix glass holder (125 mm to 150 mm)                                                                                     | pair | 16.83          |
| CP.1014 | Fix 'Master Key System' locks (labour only)                                                                                        | no   | 6.55           |
| CP.1015 | Supply and fix 25 mm right angle brass key hook                                                                                    | no   | 5.61           |
| CP.1016 | Supply and fix pop-rivet                                                                                                           | no   | 1.87           |
| CP.1017 | Supply and form one key lock with missing keys including taking out lock if                                                        | no   | 0.6            |
| CP.1018 | necessary and refix same  Labour only for opening door to gain access into premises where keys                                     | no   | 1.45           |
| CP.1019 | have been lost Labour only for opening letter box lock (any type and size)                                                         | no   | 11.22          |
| CP.1020 | Labour only for opening locker lock (any type and size)                                                                            | no   | 8.42           |
| CP.1021 | Supply and fix 25 mm diameter metal pulley to flag pole including taking down existing defective pulley and all necessary welding  | no   | 5.61           |
| CP.1022 | Supply and fix approved venetian blind complete with all necessary accessories for size not exceeding 1sq m                        | sq m | 2.38           |
| CP.1023 | Supply and fix approved venetian blind complete with all necessary accessories for size exceeding 1sq m and not exceeding 2.00sq m | sq m | 4.34           |

| S/No    | Description                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.1024 | Supply and fix approved venetian blind complete with all necessary accessories exceeding 2.00sq m                                                                                                                                                                                                                                                                                                                                      | sq m | 30.86          |
| CP.1025 | Take down existing venetian blinds including brackets and cut away off site                                                                                                                                                                                                                                                                                                                                                            | set  | 29.92          |
| CP.1026 | Take down existing venetian blinds, repair without replacing any accessories and refix                                                                                                                                                                                                                                                                                                                                                 | sq m | 28.99          |
| CP.1027 | Take down existing venetian blinds, repair and refix including replacing the necessary cord lock, ladder cord, string, tilter rod etc (not more than three (3) components for each set)                                                                                                                                                                                                                                                | set  | 0.94           |
| CP.1028 | Without taking down existing venetian blinds, repair and refix including replacing the necessary cord lock, ladder cord, string, tilter rod etc (not more than 1 component for each set)                                                                                                                                                                                                                                               | set  | 3.32           |
| CP.1029 | Supply and installation of metal brackets or clips of any type to match existing venetian blinds, rawl plugged to concrete or brickwall                                                                                                                                                                                                                                                                                                | no   | 11.22          |
| CP.1030 | Supply and install plastic bracket/clip to match existing venetian blinds, plugged to concrete / brick wall                                                                                                                                                                                                                                                                                                                            | no   | 2.38           |
| CP.1031 | Rehang any set of venetian blinds                                                                                                                                                                                                                                                                                                                                                                                                      | set  | 2.81           |
| CP.1032 | Supply and install Bamboo chicks of approved brand fixed complete with top and bottom members, PVC backing, brass cleats, pulleys, nylon cord, etc                                                                                                                                                                                                                                                                                     | sq m | 2.38           |
| CP.1033 | Supply and install Bamboo chicks w/o PVC backing of approved brand fixed come with top and bottom members, brass cleats, pull nylon cord, etc.                                                                                                                                                                                                                                                                                         | sq m | 1.87           |
| CP.1034 | Supply and fix unpainted and unlined split Bertam chicks properly and strongly constructed with ropes of No. 8 white glaze cord or nylon cord, 25 mm dia galvanised pulleys, puleys secured to galvanised screw hooks, size 18 mm x 100mm brass cleat or cup hooks are to be provided and securely fixed at the bottom of the chicks on the outside to prevent the chicks been blown out. Rate includes for all cutting and pluging to | sq m |                |
|         | brickwork, concrete, etc required and for all making good of plaster, woodwork and decoration as necessary.                                                                                                                                                                                                                                                                                                                            |      | 60.78          |
| CP.1035 | Add to above item CP881 for painting one side with one (1) coat of primer, one (1) undercoat and one (1) finishing coat of enamel paint                                                                                                                                                                                                                                                                                                | sq m | 56.1           |
| CP.1036 | Add to above item CP881 for lining one side with first quality approved blue drill cloth or approved plastic cloth including properly binding the edges and allowing for all                                                                                                                                                                                                                                                           | sq m | 18.36          |
| CP.1037 | Take down and cart away chicks and make good to work disturbed (any size)                                                                                                                                                                                                                                                                                                                                                              | no   | 4.68           |
| CP.1038 | Supply and fix plastic chicks of approved brand fixed complete with to and bottom members, brass cleats, pulleys, nylon, cord, etc                                                                                                                                                                                                                                                                                                     | sq m | 4.68           |
| CP.1039 | Take out as necessary, repair and fix the plastic chicks including replacing all the necessary accessories                                                                                                                                                                                                                                                                                                                             | sq m | 2.72           |
| CP.1040 | Take down existing chicks, repair new ropes or nylon chord, pulleys, cleats, etc as necessary but excluding painting and lining                                                                                                                                                                                                                                                                                                        | sq m | 28.05          |
| CP.1041 | Take down existing chicks and refix only in new or same position as directed                                                                                                                                                                                                                                                                                                                                                           | sq m | 11.22          |
| CP.1042 | Take down existing chicks and refix only in new or same position as directed including cleaning down one side of existing chicks,                                                                                                                                                                                                                                                                                                      | sq m |                |
|         | reconditioning, touching up with primer and applying one (1) coat of undercoat and finishing coat                                                                                                                                                                                                                                                                                                                                      |      | 7.4            |
| CP.1043 | Take down existing chicks and refix only in new or same position as directed including two (2) coats of painting and lining on the other side                                                                                                                                                                                                                                                                                          | sq m | 4.42           |

| S/No    | Description                                                                                                                                            | Unit | Unit Cost (\$) |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.1044 | Nylon rope 6 mmm diameter                                                                                                                              | m    | 9.35           |
| CP.1045 | Replace metal pulley for chicks (Taking down and refixing chick measured separately)                                                                   | no   | 14.62          |
| CP.1046 | Supply and fix approved vertical blinds complete with all necessary accessories                                                                        | sq m | 0.94           |
| CP.1047 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Louvres                        | sq m | 1.62           |
| CP.1048 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Head unit control ball chain   | no   | 42.08          |
| CP.1049 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Carrier                        | no   | 37.4           |
| CP.1050 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Louvre hanger                  | no   | 5.61           |
| CP.1051 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Polyester ball chain with clip | m    | 2.64           |
| CP.1052 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Polyester ball chain Connector | m    | 0.51           |
| CP.1053 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Weight                         | no   | 3.74           |
| CP.1054 | Supply and fix the following components (vertical blind)(Rate shall be inclusive of taking out and disposing existing): Drawing cord                   | m    | 0.68           |
| CP.1055 | Check and service the vertical blinds (excluding change the components) necessary accessories                                                          | set  | 2.81           |
| CP.1056 | Supply and fix approved vertical blinds complete with all necesary accessories                                                                         | sq m | 0.94           |
| CP.1057 | Supply and fix approved roller blind c/w all necessary accessories                                                                                     | sq m | 4.68           |
| CP.1058 | Take down existing roller blind including brackets and cut away off site.                                                                              | set  | 56.1           |
| CP.1059 | Rehang any set of roller blind.                                                                                                                        | set  | 51.43          |
| CP.1060 | Supply and install 'ECO' sliding indicator latch ( Type 2 )                                                                                            | no   | 4.68           |
| CP.1061 | Supply & installation of wooden lourves at bottom of exisitng door                                                                                     | no   | 9.35           |
| CP.1062 | Supply and install 40-90mm SN thumbturn cyclinder key differ, Accord 1405, GMK1/GMK2, MK01/MK02/MK03/MK04/MK05                                         | no   | 32.73          |
| CP.1063 | Supply and install 40-90mm SN thumbtum cyclinder with master key, Accord 1405, GMK1/GMK2., MK01/MK02/MK03/MK04/MK05                                    | no   | 153            |
| CP.1064 | Supply and install 40-90mm SN thumbturn cyclinder PUB MK 48, Accord 1405                                                                               | no   | 34             |
| CP.1065 | Supply and install 40-90mm SN double cyclinder under with master key Accord 1406,GMK1/GMK2, MK01/MK02/MK03/MK04/MK05                                   | no   | 24.65          |
| CP.1066 | Supply and install Hooklock key thumbturn cyclinder, Accord 4510, 4813/1403 Key alike/Key differ                                                       | no   | 23.8           |
| CP.1067 | Supply and install SN half cylinder Key alike, Accord 1404, GMK1 or GMK2,MK01/MK02/MK03/MK04/MK05                                                      | no   | 25.5           |
| CP.1068 | Supply and install SS mortice nightlatch lock c/w strike & box                                                                                         | no   | 23.8           |

| S/No    | Description                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CP.1069 | Supply only rebated part for mortice sashlock                                                                                                                                                                                                   | no   | 17             |
| CP.1070 | Supply only concealed door closer                                                                                                                                                                                                               | no   | 14.45          |
| CP.1071 | Supply only power adjustable exposed door closer with delay action                                                                                                                                                                              | no   | 4.25           |
| CP.1072 | Supply and install 0.60mm Satin stainless steel mortice sashlock c/w strike and box                                                                                                                                                             | no   | 106.25         |
| CP.1073 | Supply and install 0.80mm Satin stainless steel sashlock clw strike & box                                                                                                                                                                       | no   | 123.25         |
| CP.1074 | Supply and install 205mm x 19mm ss pull handle                                                                                                                                                                                                  | no   | 28.05          |
| CP.1075 | Supply and install SS recessed pull handle                                                                                                                                                                                                      | no   | 68             |
| CP.1076 | Supply only SS cup handle                                                                                                                                                                                                                       | no   | 11.22          |
| CP.1077 | Supply only SS latchset <i>clw</i> both side cup handle                                                                                                                                                                                         | no   | 6.12           |
| CP.1078 | Supply and install SS Dust Proof Socket                                                                                                                                                                                                         | no   | 5.1            |
| CP.1079 | Supply and insatll SS Escutcheon                                                                                                                                                                                                                | no   | 12.75          |
| CP.1080 | Fabricate, supply and install acoustic curtains of approved colour to the required size including curtain track and                                                                                                                             | m2   | 5.1            |
| CP.1081 | rail, all necessary fixing accessories, all to the University's approval Supply and install manually operated blackout blinds complete with pelmets, tracks, pull cords etc                                                                     | m2   | 2.89           |
| CP.1082 | Motorised perforated window blackout blinds c/w motorised mechanism                                                                                                                                                                             | m2   | 110.5          |
| CP.1083 | Design, fabricate, supply and install aluminium sun-shading louvre in powder coated finish complete with 40 x 40mm mild steel square hollow section, 0.6mm thick aluminium alloy, necessary fixing accessories and to the University's approval | m2   | 25.5           |
| CP.1084 | Supply Abloy Sentry Padlock, 20mm shackle c/w 2 Sentry keys PL321B/20(Controlled Key)                                                                                                                                                           | no   | 85             |
| CP.1085 | Supply Abloy Sentry Padlock, 50mm shackle c/w 2 Sentry keys PL321B/50(Controlled Key)                                                                                                                                                           | no   | 221            |
| CP.1086 | Supply Abloy Sentry Padlock, 25mm shackle c/w 2 Sentry keys PL330B/25(Controlled Key)                                                                                                                                                           | no   | 80.75          |
| CP.1087 | Supply Abloy Sentry Padlock, 50mm shackle c/w 2 Sentry keys PL330B/50(Controlled Key)                                                                                                                                                           | no   | 85             |
| CP.1088 | Supply Abloy Sentry Padlock, 25mm shackle c/w 2 Sentry keys PL341B/25(Controlled Key)                                                                                                                                                           | no   | 110.5          |
| CP.1089 | Supply Abloy Sentry Padlock, 50mm shackle c/w 2 Sentry keys PL341B/50(Controlled Key)                                                                                                                                                           | no   | 119            |
| CP.1090 | Supply AOBA SS420-3435 Stainless Steel Padlock, 36mm Shackle c/w 2 program & 3 user keys, laser engraved on padlock and keys. (Controlled)                                                                                                      | no   | 136            |
| CP.1091 | Supply AOBA SS420-5038 Stainless Steel Padlock, 38mm Shackle c/w 2 program & 3 user keys, laser engraved on padlock and keys. (Controlled)                                                                                                      | no   | 140.25         |
| CP.1092 | Supply AOBA SS420-5560 Stainless Steel Padlock, 60mm Shackle c/w 2 program & 3 user keys, laser engraved on padlock and keys. (Controlled)                                                                                                      | no   | 51             |

**BW-138** 

# 6. STEELWORK

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                        | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.1  | Mild steel rod, plate, angle, channel, flats, etc. cut in lengths including all labour, bending, welding, drilling and painting one coat of inhibitive primer before delivery.                                                                                                                                                                                                     | kg   | 2.98           |
| SW.2  | Wrought iron rod, plate, angle, channel, flats, etc cut in lengths including all labour, bending, welding, drilling and painting one coat of inhibitive primer before delivery.                                                                                                                                                                                                    | kg   | 2.55           |
| SW.3  | Roll steel of any section or size including cutting, welding, and painting one coat of inhibitive primer before delivery, in stanchions, beams, girders, roof trusses, purlins, cleats, brackets, etc.                                                                                                                                                                             | kg   | 2.81           |
| SW.4  | Mild steel tubular or rectangular or square hollow section of any section or size including cutting, welding, and painting one coat of inhibitive primer before delivery, in stanchions, beams, girders, roof trusses, purlins, cleats, brackets, etc.                                                                                                                             | kg   | 2.98           |
| SW.5  | Light gauge steel channel section etc in purlins, rafters, cleats, brackets, etc.                                                                                                                                                                                                                                                                                                  | kg   | 2.98           |
| SW.6  | Mild steel bright tubular, square or rectangular hollow section of any section or size including cutting, welding, and painting one coat of inhibitive primer before delivery in framing to joinery, fitments and fittings.                                                                                                                                                        | kg   | 2.98           |
| SW.7  | Weld joints, any thickness of steel or weld (length of girth of joint measured) (welding machine measured separately).                                                                                                                                                                                                                                                             | m    | 1.79           |
| SW.8  | Spot weld ie. ends of wire to frames (welding machine measured separately).                                                                                                                                                                                                                                                                                                        | no   | 0.26           |
| SW.9  | Grouting up gap not exceeding 300mm wide x 50mm thick between RSJ and brickwall with dry-pack-cement mortar (1:1) to the satisfaction of SO and clean surrounds.                                                                                                                                                                                                                   | m    | 4.51           |
| SW.10 | Grouting up gap exceeding 300mm wide x 50mm thick between RSJ and brickwall with dry-pack-cement mortar (1:1) to the satisfaction of SO and clean surrounds.                                                                                                                                                                                                                       | m    | 9.61           |
| SW.11 | 25mm thick dry-pack-cement mortar grouting (1:1) under steel stanchion base plate.                                                                                                                                                                                                                                                                                                 | sq m | 35.19          |
| SW.12 | Cut off existing projecting metal hollow section, T-bearers, I-beam, etc not exceeding 100mm girth (Rate measured per spot) (cutting machine measured separately).                                                                                                                                                                                                                 | no   | 6.38           |
| SW.13 | Add for each 25mm increase in girth.                                                                                                                                                                                                                                                                                                                                               | no   | 0.51           |
| SW.14 | Cut off existing projecting reinforcing bar (any size) and remove debris off site (hacking up concrete and cutting machine measured separately).                                                                                                                                                                                                                                   | no   | 1.53           |
| SW.15 | Build end of steel joists, bearers, etc into concrete work, brickwork, etc and make good surround with and including materials to match (making holes measured separately).                                                                                                                                                                                                        | no   | 7.65           |
| SW.16 | Hot-dipped galvanising to steel members.                                                                                                                                                                                                                                                                                                                                           | kg   | 1.02           |
| SW.17 | Hot-dipped galvanising to mild steel grating (Type A)                                                                                                                                                                                                                                                                                                                              | m    | 7.4            |
| SW.18 | 0.7mm aluminium sheet for fabricating valley gutters, box gutters, eaves gutters, flashing, fitments, etc (brackets for gutter measured separately) including joints welded seams, beaded edges, galvanisied nails, dressing and bending, cutting, chase in wall, sealing compound and cement mortar, forming outlets, stop ends, etc (measured nett, no allowance made for laps). | sq m | 41.23          |

| S/No   | Description                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.19  | 1.00mm aluminium sheet for fabricating valley gutters, box gutters, eaves                                                                            | sq m |                |
|        | gutters, flashing, fitments, etc (brackets for gutter measured separately)                                                                           |      | F2 47          |
|        | including joints welded seams, beaded edges, galvanisied nails, dressing and bending, cutting, chase in wall, sealing compound and cement            |      | 53.47          |
|        | mortar, forming outlets, stop ends, etc (measured nett, no allowance                                                                                 |      |                |
|        | made for laps).                                                                                                                                      |      |                |
| SW.20  | 1.32mm aluminium sheet for fabricating valley gutters, box gutters, eaves                                                                            | sq m |                |
|        | gutters, flashing, fitments, etc (brackets for gutter measured separately)                                                                           |      |                |
|        | including joints welded seams, beaded edges, galvanisied nails, dressing                                                                             |      | 60.95          |
|        | and bending, cutting, chase in wall, sealing compound and cement mortar, forming outlets, stop ends, etc (measured nett, no allowance                |      |                |
|        | made for laps).                                                                                                                                      |      |                |
| SW.21  | 2.00mm aluminium sheet for fabricating valley gutters, box gutters, eaves                                                                            | sq m |                |
|        | gutters, flashing, fitments, etc (brackets for gutter measured separately)                                                                           |      |                |
|        | including joints welded seams, beaded edges, galvanisied nails, dressing                                                                             |      | 92.06          |
|        | and bending, cutting, chase in wall, sealing compound and cement                                                                                     |      |                |
|        | mortar, forming outlets, stop ends, etc (measured nett, no allowance made for laps).                                                                 |      |                |
| SW.22  | 0.794mm stainless steel sheet for fabricating valley gutters, box gutters,                                                                           | sq m |                |
|        | caves gutter, flashing, fitments, etc to any size and shape, (Brackets for                                                                           | 1    | 121.13         |
|        | gutters measured separately).                                                                                                                        |      |                |
| SW.23  | 1.00mm stainless steel sheet for fabricating valley gutters, box gutters,                                                                            | sq m | 138.98         |
|        | caves gutter, flashing, fitments, etc to any size and shape, (Brackets for                                                                           |      | 130.30         |
| 014.04 | gutters measured separately).                                                                                                                        |      |                |
| SW.24  | 1.32mm stainless steel sheet for fabricating valley gutters, box gutters, caves gutter, flashing, fitments, etc to any size and shape, (Brackets for | sq m | 178.5          |
|        | gutters measured separately).                                                                                                                        |      |                |
| SW.25  | 2.00mm stainless steel sheet for fabricating valley gutters, box gutters,                                                                            | sq m |                |
|        | caves gutter, flashing, fitments, etc to any size and shape, (Brackets for                                                                           |      | 207.23         |
|        | gutters measured separately).                                                                                                                        |      |                |
| SW.26  | 3.00mm stainless steel sheet for fabricating valley gutters, box gutters,                                                                            | sq m | 265.2          |
|        | caves gutter, flashing, fitments, etc to any size and shape, (Brackets for                                                                           |      | 203.2          |
| SW.27  | gutters measured separately).  Approved 75mm diameter aluminium alloy holderbats/for pipe (round or                                                  | no   | 2.04           |
| 344.27 | box type) fixed new or to match existing.                                                                                                            | 110  | 2.04           |
| SW.28  | Approved 100mm diameter aluminium alloy holderbats/for pipe (round                                                                                   | no   | 2.3            |
|        | or box type) fixed new or to match existing.                                                                                                         |      |                |
| SW.29  | Approved 150mm diameter aluminium alloy holderbats/for pipe (round                                                                                   | no   | 2.55           |
|        | or box type) fixed new or to match existing.                                                                                                         |      |                |
| SW.30  | Approved 100mm x 100mm diameter aluminium alloy holderbats/for                                                                                       | no   | 3.23           |
| SW.31  | pipe (round or box type) fixed new or to match existing.  Approved 100mm x 150mm diameter aluminium alloy holderbats/for                             | no   | 3.23           |
| 300.51 | pipe (round or box type) fixed new or to match existing.                                                                                             | 110  | 3.23           |
| SW.32  | Approved 150mm x 150mm diameter aluminium alloy holderbats/for                                                                                       | no   | 3.57           |
|        | pipe (round or box type) fixed new or to match existing.                                                                                             |      |                |
| SW.33  | Approved 150mm x 200mm diameter aluminium alloy holderbats/for                                                                                       | no   | 4              |
|        | pipe (round or box type) fixed new or to match existing.                                                                                             |      | _              |
| SW.34  | Take out existing metal holderbats for pipe, (any diameter) remove off                                                                               | no   | 0.68           |
| SW.35  | site and make good work disturbed.  Take out existing brackets to eaves, gutters, remove off site and make                                           | no   | 0.68           |
| 300.33 | good work disturbed.                                                                                                                                 | no   | 0.08           |
| SW.36  | 3mm thick x 25mm wide mild steel flat bar bent to the shape of bracket                                                                               | m    | 5.1            |
|        | to receive gutter including fixing to fascia and 3 coats paint to match.                                                                             |      |                |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.37 | 3mm thick x 25mm wide stainless steel bent to the shape of bracket to receive gutter including fixing to fascia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m    | 15.47          |
| SW.38 | 40mm mesh x 10 SWG (3.25mm) galvanised chain link mesh with strand of 6 SWG straining wire at 600mm centres fencing in new work or fixed on top of existing fence including linking to existing, comprising combination of some of the following items (nett area measured).                                                                                                                                                                                                                                                                                                                                                                         | sq m | 12.75          |
| SW.39 | 50mm mesh x 10 SWG (3.25mm) galvanised chain link mesh with strand of 6 SWG straining wire at 600mm centres fencing in new work or fixed on top of existing fence including linking to existing, comprising combination of some of the following items (nett area measured).                                                                                                                                                                                                                                                                                                                                                                         | sq m | 10.46          |
| SW.40 | 50mm mesh x 9 SWG (3.66mm) galvanised chain link mesh with strand of 6 SWG straining wire at 600mm centres fencing in new work or fixed on top of existing fence including linking to existing, comprising combination of some of the following items (nett area measured).                                                                                                                                                                                                                                                                                                                                                                          | sq m | 11.9           |
| SW.41 | 50mm mesh x 8 SWG (4.06mm) galvanised chain link mesh with strand of 6 SWG straining wire at 600mm centres fencing in new work or fixed on top of existing fence including linking to existing, comprising combination of some of the following items (nett area measured).                                                                                                                                                                                                                                                                                                                                                                          | sq m | 13.77          |
| SW.42 | 63mm mesh x 8 SWG (4.06mm) galvanised chain link mesh with strand of 6 SWG straining wire at 600mm centres fencing in new work or fixed on top of existing fence including linking to existing, comprising combination of some of the following items (nett area measured).                                                                                                                                                                                                                                                                                                                                                                          | sq m | 12.24          |
| SW.43 | 50mm mesh x 10 SWG (3.25mm) (total thickness) galvanised chain link mesh with strand of 6 SWG (4.88mm) (total thickness) straining wire at 600mm centres both coated with polyvinyl                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sq m | 11.73          |
| SW.44 | chloride (NB: Wire thickness 13 SWG or 2.34mm). 50mm mesh x 9 SWG (3.66mm) (total thickness) galvanised chain link mesh with strand of 6 SWG (4.88mm) (total thickness) straining wire at 600mm centres both coated with polyvinyl chloride (NB: Wire thickness 12 SWG or 2.64mm).                                                                                                                                                                                                                                                                                                                                                                   | sq m | 13.69          |
| SW.45 | 50mm mesh x 8 SWG (4.06mm) (total thickness) galvanised chain link mesh with strand of 6 SWG (4.88mm) (total thickness) straining wire at 600mm centres both coated with polyvinyl chloride (NB: Wire thickness 11 SWG or 2.95mm).                                                                                                                                                                                                                                                                                                                                                                                                                   | sq m | 15.22          |
| SW.46 | Extra over all above items for infilling the mesh one way aluminium slate including 2 coats of synthetic enamel paint on both sides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | sq m | 26.52          |
| SW.47 | Extra over all above items for infilling the mesh double way aluminium slate including 2 coats of synthetic enamel paint on both sides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | sq m | 33.41          |
| SW.48 | Posts for fence (any type ) consisting of 50mm x 50mm x 6mm thick mild steel angles placed not more than 3.00m apart, corner, intermediate and posts to be 25mm bigger, ie size 75mm x 75mm x 6mm thick, each post with bottom fixed on top of concrete/brick base or wall including holding down angles and bolts or welded to top of existing posts or bottom with minimum 300mm long embedded into and including 300 x 300 x 500mm concrete foundation, all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint. (Nett area of mesh measured). | sq m | 7.14           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit  | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|
| SW.49 | Posts for fence (any type ) consisting of 65mm x 65mm x 6mm thick mild steel angles etc (size of corners, intermediate and end posts is 90mm x 90mm x 6mm thick) each post with bottom fixed on top of concrete/brick base or wall including holding down angles and bolts or welded to top of existing posts or bottom with minimum 300mm long embedded into and including 300 x 300 x 500mm concrete foundation, all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive                                             | sq m  | 8.42           |
| SW.50 | primer and two coats of aluminium or synthetic enamel paint. (Nett area of mesh measured).  Posts for fence (any type ) consisting of 75mm x 75mm x 6mm thick mild steel angles etc (size of corners, intermediate and end posts is 100mm x 100mm x 6mm thick) each post with bottom fixed on top of concrete/brick base or wall including holding down angles and bolts or                                                                                                                                                                                   | sq m  | 9.44           |
| SW.51 | welded to top of existing posts or bottom with minimum 300mm long embedded into and including 300 x 300 x 500mm concrete foundation, all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint. (Nett area of mesh measured).  Posts for fence (any type ) consisting of 89mm x 5.4mm thick mild steel                                                                                                                                                       | sq m  | 3.44           |
| 3W.31 | pipe placed not more than 3.00m apart and 76mm diameter x 5.4mm thick mild steel pipe placed horizontally at top and middle section of fence, each post with bottom welded to 250mm x 250mm x 3mm thick plate including embedded post with minimum 600mm long into and include 500 x 500 x 750mm concrete foundation including all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint. (Nett area of mesh measured).                                      | 34111 | 29.58          |
| SW.52 | 50mm x 50mm x 6mm thick mild steel angle struts for fence, two to each intermediate and corner posts, one to each post, placed not more than 12m apart and inclined at 60 degrees to post, one end of strut bolted or welded to post, the other end split with minimum 300mm long, cast in and include concrete foundation as per drawing shown in Appendix 30 and all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint. (Nett area of mesh measured).  | sq m  | 4.08           |
| SW.53 | 65mm x 65mm x 6mm thick mild steel angle struts for fence, two to each intermediate and corner posts, one to each post, placed not more than 12m apart and inclined at 60 degrees to post, one end of shrut bolted or welded to post, the other end split with minimum 300mm long, cast in and including concrete foundation as per drawing shown in Appendix 30 and all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint (Nett area of mesh measured). | sq m  | 4.51           |
| SW.54 | 75mm x 75mm x 6mm thick mild steel angle struts for fence, two to each intermediate and corner posts, one to each post, placed not more than 12m apart and inclined at 60 degrees to post, one end of shrut bolted or welded to post, the other end split with minimum 300mm long, cast in and including concrete foundation as per drawing shown in Appendix 30 and all necessary tying wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint (Nett area of mesh measured). | sq m  | 4.85           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.55 | 76mm diameter x 5.4mm thick mild steel pipe fence strut, two to each intermediate, one to each end post not more than 12m apart and inclined at 45 degrees to post, one end of strut bolted or welded to post, the other end welded to and includes 250mm x 250mm x 3mm thick mild steel plate cast in and include concrete foundation as shown in Appendix 31 and all necessary tying                                                                                                                                                          | sq m | 5.53           |
| SW.56 | wires, split pins, drilling holes and painting with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint (Nett area of mesh measured).  25mm x 3mm thick mild steel clamp bar at every posts including bolts and                                                                                                                                                                                                                                                                                                  | sq m |                |
|       | nuts, drilling and painting with 3 coats paint, with one coat of inhibitive primer and two coats of aluminium or synthetic enamel paint (Nett area of mesh measured).                                                                                                                                                                                                                                                                                                                                                                           |      | 1.45           |
| SW.57 | Cranked or straight mild steel angle 50 x 50x 6mm thick x 300mm long anti-climb arm with 3 strands PVC coated galvanised barbed wires (14 SWG) or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).                    | m    | 2.55           |
| SW.58 | Cranked or straight mild steel angle 50 x 50x 6mm thick x 300mm long anti-climb arm with 4 strands barbed wires (14 SWG) or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).                                          | m    | 3.06           |
| SW.59 | Cranked or straight mild steel angle 50 x 50x 6mm thick x 300mm long anti-climb arm with 3 strands barbed wire fixed horizontally and 2 strands fixed diagonally or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).  | m    | 3.57           |
| SW.60 | Cranked or straight mild steel angle 50 x 50x 6mm thick x 300mm long anti-climb arm with 4 strands barbed wires fixed horizontally and 2 strands fixed diagonally or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan). | m    | 4.08           |
| SW.61 | Cranked or straight mild steel angle 65 x 65x 6mm thick x 300mm long anti-climb arm with 3 strands PVC coated galvanised barbed wires (14 SWG) or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).                    | m    | 2.81           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.62 | Cranked or straight mild steel angle 65 x 65x 6mm thick x 300mm long anti-climb arm with 4 strands barbed wires (14 SWG) or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).                                          | m    | 3.32           |
| SW.63 | Cranked or straight mild steel angle 65 x 65x 6mm thick x 300mm long anti-climb arm with 3 strands barbed wire fixed horizontally and 2 strands fixed diagonally or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).  | m    | 3.83           |
| SW.64 | Cranked or straight mild steel angle 65 x 65x 6mm thick x 300mm long anti-climb arm with 4 strands barbed wires fixed horizontally and 2 strands fixed diagonally or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan). | m    | 4.34           |
| SW.65 | Cranked or straight mild steel angle 75 x 75x 6mm thick x 300mm long anti-climb arm with 3 strands PVC coated galvanised barbed wires (14 SWG) or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).                    | m    | 3.06           |
| SW.66 | Cranked or straight mild steel angle 75 x 75x 6mm thick x 300mm long anti-climb arm with 4 strands barbed wires (14 SWG) or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).                                          | m    | 3.57           |
| SW.67 | Cranked or straight mild steel angle 75 x 75x 6mm thick x 300mm long anti-climb arm with 3 strands barbed wire fixed horizontally and 2 strands fixed diagonally or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan).  | m    | 4.08           |
| SW.68 | Cranked or straight mild steel angle 75 x 75x 6mm thick x 300mm long anti-climb arm with 4 strands barbed wires fixed horizontally and 2 strands fixed diagonally or 2.03mm welded onto top of new or existing fence post or secured on top of existing/new wall, spaced not more than 3.00m apart including painting with one coat of inhibitive primer and coats aluminium paint, making holes in wall minimum 150mm deep to receive end of arm, grouting with cement mortar and providing two arms to corner post (length measured on plan). | m    | 4.59           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.69 | Add for each additional stage of 100mm arm length including extra strand of barbed wire (14 SWG) for above 4 items (FF0057 - FF0060).                                                                                                                                                                                                                                                                                                                                                                                                       | m    | 0.94           |
| SW.70 | Y' anti-climb arm of 50 x 50x 6mm thick x 300mm long mild steel angle each arm with 3 strands PVC coated galvanised barbed wire (14 SWG) or 2.03mm welded onto top of new existing fence posts or on existing/new wall spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                                                                         | m    | 5.1            |
| SW.71 | Y' anti-climb arm of 50 x 50x 6mm thick x 300mm long mild steel angle each arm with 4 strands barbed wire or 2.03mm welded onto top of new existing fence posts or on existing/new wall spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                                                                                                        | m    | 6.12           |
| SW.72 | Y' anti-climb arm of 50 x 50x 6mm thick x 300mm long mild steel angle each arm with 3 strands PVC coated galvanised barbed wire (14 SWG) or 2.03mm fixed horizontally and 2 strands fixed diagonally welded onto top of new or existing fence posts or on existing/new wall, spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan)                    | m    | 7.14           |
| SW.73 | Y' anti-climb arm of 50 x 50x 6mm thick x 300mm long mild steel angle each arm with 4 strands barbed wire fixed horizontally and 2 strands fixed diagonally or 2.03mm fixed horizontally and 2 strands fixed diagonally welded onto top of new or existing fence posts or on existing/new wall, spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan) | m    | 7.91           |
| SW.74 | Add for each additional 100mm arm length (14 SWG) for item (FF0064) to (FF0067) above.                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m    | 1.79           |
| SW.75 | Y' anti-climb arm of 65 x 65x 6mm thick x 300mm long mild steel angle each arm with 3 strands PVC coated galvanised barbed wire (14 SWG) or 2.03mm welded onto top of new existing fence posts or on existing/new wall spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                                                                         | m    | 5.61           |
| SW.76 | Y' anti-climb arm of 65 x 65x 6mm thick x 300mm long mild steel angle each arm with 4 strands barbed wire or 2.03mm welded onto top of new existing fence posts or on existing/new wall spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                                                                                                        | m    | 6.63           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.77 | Y' anti-climb arm of 65 x 65x 6mm thick x 300mm long mild steel angle each arm with 3 strands PVC coated galvanised barbed wire (14 SWG) or 2.03mm fixed horizontally and 2 strands fixed diagonally welded onto top of new or existing fence posts or on existing/new wall, spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan)                     | m    | 7.65           |
| SW.78 | Y' anti-climb arm of 65 x 65x 6mm thick x 300mm long mild steel angle each arm with 4 strands barbed wire fixed horizontally and 2 strands fixed diagonally or 2.03mm fixed horizontally and 2 strands fixed diagonally welded onto top of new or existing fence posts or on existing/new wall, spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan)  | m    | 8.42           |
| SW.79 | Y' anti-climb arm of 75 x 75x 6mm thick x 300mm long mild steel angle each arm with 3 strands PVC coated galvanised barbed wire (14 SWG) or 2.03mm welded onto top of new existing fence posts or on existing/new wall spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                                                                          | m    | 6.12           |
| SW.80 | Y' anti-climb arm of 75 x 75x 6mm thick x 300mm long mild steel angle each arm with 4 strands barbed wire or 2.03mm welded onto top of new existing fence posts or on existing/new wall spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                                                                                                         | m    | 7.14           |
| SW.81 | Y' anti-climb arm of 75 x 75x 6mm thick x 300mm long mild steel angle each arm with 3 strands PVC coated galvanised barbed wire (14 SWG) or 2.03mm fixed horizontally and 2 strands fixed diagonally welded onto top of new or existing fence posts or on existing/new wall, spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan).                    | m    | 8.16           |
| SW.82 | Y' anti-climb arm of 75 x 75x 6mm thick x 300mm long mild steel angle each arm with 4 strands barbed wire fixed horizontally and 2 strands fixed diagonally or 2.03mm fixed horizontally and 2 strands fixed diagonally welded onto top of new or existing fence posts or on existing/new wall, spaced not more than 3.00m apart and including painting one coat of inhibitive primer and 2 coats aluminium or synthetic enamel paint, making holes in wall to receive end of arm and grouting with cement mortar (Length measured on plan). | m    | 8.93           |
| SW.83 | Remove existing fence (any type) c/w posts, struts, foundations, anticlimb arm, creepers, etc. as directed and remove off site including making good work disturbed. (Length of fence measured but height measured from top of foundation to apex of post or anti-climb arm if applicable).                                                                                                                                                                                                                                                  | sq m | 4.08           |
| SW.84 | Take out existing chain link mesh only (any type) and remove off site (Nett area of mesh measured).                                                                                                                                                                                                                                                                                                                                                                                                                                          | sq m | 1.45           |
| SW.85 | Take out as necessary and tighten existing chain link mesh only or refix in new position including providing new straining wires, bolts, and staples to match existing. (Nett area of fence measured).                                                                                                                                                                                                                                                                                                                                       | sq m | 5.27           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.86  | Take out existing chain link fence c/w posts, struts, concrete base, etc and lay aside for re-use including removing debris off site and making good work disturbed (Nett area of fence measured).                                                                                                                                                           | sq m | 4.59           |
| SW.87  | Take from stack and fix only existing chain link fence in new position c/w posts, struts, beading etc including providing new straining wires, bolts and staples to match existing (nett area measured separately).                                                                                                                                          | sq m | 5.02           |
| SW.88  | Cut remove grass, shrubs, creepers and hedges on one side of fence and clear away (Nett area measured).                                                                                                                                                                                                                                                      | sq m | 1.53           |
| SW.89  | Take out existing tubular or mild steel angle fence posts, struts, etc (any height) including foundation when directed, remove off site, make good work disturbed or prepare to receive new works.                                                                                                                                                           | no   | 4.85           |
| SW.90  | Replace existing tubular or mild steel angle fence struts or posts (any size) not exceeding 1m high from top of concrete base with new including taking out fence (any type), refixing, tightening, providing new bolts, staples, 3 coats paint, etc and removing existing concrete foundations when directed (New foundation measured separately).          | no   | 14.03          |
| SW.91  | Add for each additional stage of 100mm in height.                                                                                                                                                                                                                                                                                                            | no   | 1.53           |
| SW.92  | Cut and remove part of tubular or mild steel angle fence strut, post or anti-climb arm not exceeding 1m in length and replace with new to match including removing existing concrete foundations, taking out fence (any type), site welding, refixing, tightening, providing new bolts, staples, etc and 3 coats paint (New foundation measured separately). | no   | 14.03          |
| SW.93  | Add for each additional stage of 100mm in height.                                                                                                                                                                                                                                                                                                            | no   | 1.53           |
| SW.94  | Replace mild steel tubular angle posts (any size) in isolated position and not exceeding 1m high, welded on top of existing metal work or one end split, caulked and cast in concrete as described including drilling holes and 3 coats paint (New foundation and taking out existing foundation measured separately).                                       | no   | 10.63          |
| SW.95  | Add for each additional 100mm in height (New foundation and taking out existing foundation measured separately).                                                                                                                                                                                                                                             | no   | 1.28           |
| SW.96  | Labour only to refix existing tubular or angle fence post (any size and height) (Foundation measured separately).                                                                                                                                                                                                                                            | m    | 2.47           |
| SW.97  | 38mm diameter galvanised steel pipe tubing (medium duty) in fence posts & unclimbable arms, framed and welded together or framed with tees, bends, elbows etc including all drilling (nett length measured, concrete foundation and painting measured separately).                                                                                           | m    | 13.01          |
| SW.98  | 50mm diameter galvanised steel pipe tubing (medium duty) in fence posts & unclimbable arms, framed and welded together or framed with tees, bends, elbows etc including all drilling (nett length measured, concrete foundation and painting measured separately).                                                                                           | m    | 19.38          |
| SW.99  | 63mm diameter galvanised steel pipe tubing (medium duty) in fence posts & unclimbable arms, framed and welded together or framed with tees, bends, elbows etc including all drilling (nett length measured, concrete foundation and painting measured separately).                                                                                           | m    | 26.44          |
| SW.100 | 75mm diameter galvanised steel pipe tubing (medium duty) in fence posts & unclimbable arms, framed and welded together or framed with tees, bends, elbows etc including all drilling (nett length measured, concrete foundation and painting measured separately).                                                                                           | m    | 36.38          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.101 | 100mm diameter galvanised steel pipe tubing (medium duty) in fence posts & unclimbable arms, framed and welded together or framed with tees, bends, elbows etc including all drilling (nett length measured, concrete foundation and painting measured separately).                                                                                                                                                                                                               | m    | 47.35          |
| SW.102 | Take out strand of existing barbed wire or plain wire and remove off site.                                                                                                                                                                                                                                                                                                                                                                                                        | m    | 0.17           |
| SW.103 | Take out strand of existing barbed wire or plain wire and lay aside for reuse.                                                                                                                                                                                                                                                                                                                                                                                                    | m    | 0.17           |
| SW.104 | Take from stack and fix only strand of barbed wire or plain wire including providing new staples etc.                                                                                                                                                                                                                                                                                                                                                                             | m    | 0.34           |
| SW.105 | Take out as necessary and tighten strand of existing barbed wire or plain wire including providing new staples etc.                                                                                                                                                                                                                                                                                                                                                               | m    | 0.34           |
| SW.106 | Galvanised barbed wire 14 SWG (2.03mm) fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                      | m    | 0.43           |
| SW.107 | Galvanised barbed wire 12 SWG (2.64mm) fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                      | m    | 0.51           |
| SW.108 | Plain wire No 8 gauge (4.08mm) fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 0.68           |
| SW.109 | Plain wire No 10 gauge (3.25mm) fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                             | m    | 0.51           |
| SW.110 | PVC coated 14 SWG fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                                           | m    | 0.51           |
| SW.111 | PVC coated 12 SWG (2.64mm) fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 0.68           |
| SW.112 | PVC coated 10 SWG (3.25mm.) fixed with and including staples etc.                                                                                                                                                                                                                                                                                                                                                                                                                 | m    | 0.77           |
| SW.113 | Metal gate consisting of 50mm diameter galvanised steel tubular hollow section or 65mm x 38mm x 6mm thick mild steel angle framing with necessary matching intermediate rails and cross braces, and 50mm x 50mm x 3.25mm weldmesh or galvanised chain link 50mm mesh x gauge 10 (3.25mm) infilling including hinges, stops, guide plates, drop bolts, padlock bolts, etc and apply 1 priming coat, 1 undercoat and 1 finishing coat of synthetic enamel paint after installation. | sq m | 106.25         |
| SW.114 | Mild steel grilled gate comprising of not exceeding 50mm x 50mm x 5mm hollow section or 50mm diameter pipe surround with infilling of mild steel flat bars not exceeding 25mm x 6mm thick, ditto and c/w pivoted hinges, stops, drop bolts and other accessories, apply one coat of inhibitive primer before delivery and apply 1 priming coat, 1 undercoat and 1 finishing coat of synthetic enamel paint after installation.                                                    | sq m | 125.21         |
| SW.115 | Extra over item (FF0099) and (FF0100) for forming opening for and including one leaf of wicket door measuring not exceeding 2.00sq m complete with door frames, hinges and padlock bolt.                                                                                                                                                                                                                                                                                          | sq m | 12.41          |
| SW.116 | Metal gate consisting of 75mm diameter galvanised steel pipe as outer frame and infill with 50mm diameter galvanised steel pipe welded vertically c/w 20mm pipe diameter galvanised steel pipe welded at a certain angle with one end to the outer frame and the other to the vertical section including ironmongeries and apply 1 priming coat, 1 undercoat and 1 finishing coat of synthetic enamel paint after installation                                                    | sq m | 267.75         |
| SW.117 | Take out metal gate (any type), cut out damaged or corroded portions, provide new in replacement, including welding, refixing, easing and removing debris off site (Replacement of ironmongery and painting measured separately).                                                                                                                                                                                                                                                 | sq m | 36.98          |

| S/No   | Description                                                                                                                                                                                                             | Unit | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.118 | Take out existing fence gate and remove off site.                                                                                                                                                                       | sq m | 3.57           |
| SW.119 | Mild steel angle gate posts not exceeding 75mm x 75mm x 6mm thick, one end splayed and cast in concrete base including 3 coats paint (Foundation measured separately) (Length measured from top of                      | m    | 19.38          |
| SW.120 | concrete base). 75mm diameter mild steel tubular gate posts ('B' pipes) one end splayed and cast in concrete base including 3 coats paint (Foundation measured separately) (Length measured from top of concrete base). | m    | 18.79          |
| SW.121 | 100mm diameter mild steel tubular gate posts ('B' pipes) one end splayed and cast in concrete base including 3 coats paint (Foundation measured separately) (Length measured from top of concrete base).                | m    | 33.58          |
| SW.122 | 150mm diameter mild steel tubular gate posts ('B' pipes) one end splayed and cast in concrete base including 3 coats paint (Foundation measured separately) (Length measured from top of concrete base).                | m    | 46.92          |
| SW.123 | Take out existing gate posts, including grubbing up concrete foundation as directed, remove off site and fill voids with earth well rammed. (Length measured from top of concrete base).                                | m    | 3.06           |
| SW.124 | Supply and install approved 40.1mm x 40.1mm x 2.0mm stove enamel slotted angle in shelving and equipment frames etc (any size and design) (any length below 300mm shall be counted as 300mm).                           | m    | 3.66           |
| SW.125 | Supply and install approved 62.0mm x 40.9mm x 2.0mm stove enamel slotted angle in shelving and equipment frames etc (any size and design)(any length below 300mm shall be counted as 300mm).                            | m    | 4.42           |
| SW.126 | Punched steel strap size 38.1mm x 2.0mm with 10mm holes at 20mm centres.                                                                                                                                                | no   | 4.42           |
| SW.127 | Bracing angle size 34.3mm x 14.5mm x 2.0mm with 10mm holes.                                                                                                                                                             | no   | 4.42           |
| SW.128 | Supply and install approved 900mm X 300mm steel panel (shelves) with etch primed or stove enamelled battleship grey finish for use with slotted angle section.                                                          | no   | 13.94          |
| SW.129 | Supply and install approved 900mm X 450mm steel panel (shelves) with etch primed or stove enamelled battleship grey finish for use with slotted angle section.                                                          | no   | 20.57          |
| SW.130 | Supply and install approved 900mm X 600mm steel panel (shelves) with etch primed or stove enamelled battleship grey finish for use with slotted angle section.                                                          | no   | 23.04          |
| SW.131 | Supply and install approved 900mm X 900mm steel panel (shelves) with etch primed or stove enamelled battleship grey finish for use with slotted angle section.                                                          | no   | 35.02          |
| SW.132 | Supply and install approved 900mm x 150mm steel panel heavy duty shelving bolted directly to horizontally beams with stove enamelled finish.                                                                            | no   | 5.7            |
| SW.133 | Supply and install approved 900mm x 150mm steel panel heavy duty shelving bolted directly to horizontally beams with aluminium alloy finish.                                                                            | no   | 7.74           |
| SW.134 | Supply and install approved 300 x 140mm perforated steel shelf dividers with etch-primed or stove enamelled battleship grey finish.                                                                                     | no   | 2.98           |
| SW.135 | Supply and install approved 300 x 215mm perforated steel shelf dividers with etch-primed or stove enamelled battleship grey finish.                                                                                     | no   | 3.23           |
| SW.136 | Supply and install approved 450 x 140mm perforated steel shelf dividers with etch-primed or stove enamelled battleship grey finish.                                                                                     | no   | 3.91           |
| SW.137 | Supply and install approved 450 x 215mm perforated steel shelf dividers with etch-primed or stove enamelled battleship grey finish.                                                                                     | no   | 4.17           |

| S/No   | Description                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.138 | Approved 50mm fixed iron castors fixed to feet of equipment.                                                                                                                                                                           | no   | 8.16           |
| SW.139 | Approved 50mm fixed rubber castors fixed to feet of equipment.                                                                                                                                                                         | no   | 5.61           |
| SW.140 | Approved 50mm swivel iron castors fixed to feet of equipment.                                                                                                                                                                          | no   | 9.18           |
| SW.141 | Approved 50mm swivel rubber castors fixed to feet of equipment.                                                                                                                                                                        | no   | 8.16           |
| SW.142 | Approved 63mm fixed iron castors fixed to feet of equipment.                                                                                                                                                                           | no   | 10.2           |
| SW.143 | Approved 63mm fixed rubber castors fixed to feet of equipment.                                                                                                                                                                         | no   | 6.63           |
| SW.144 | Approved 63mm swivel iron castors fixed to feet of equipment.                                                                                                                                                                          | no   | 11.22          |
| SW.145 | Approved 63mm swivel rubber castors fixed to feet of equipment.                                                                                                                                                                        | no   | 8.67           |
| SW.146 | Approved 100mm fixed iron castors fixed to feet of equipment.                                                                                                                                                                          | no   | 12.24          |
| SW.147 | Approved 100mm fixed rubber castors fixed to feet of equipment.                                                                                                                                                                        | no   | 7.57           |
| SW.148 | Approved 100mm swivel iron castors fixed to feet of equipment.                                                                                                                                                                         | no   | 16.83          |
| SW.149 | Approved 100mm swivel rubber castors fixed to feet of equipment.                                                                                                                                                                       | no   | 9.18           |
| SW.150 | Approved zinc plated steel adjuster clips.                                                                                                                                                                                             | no   | 0.51           |
| SW.151 | Approved zinc plated stove enamelled finished steel corner plates.                                                                                                                                                                     | no   | 0.34           |
| SW.152 | Approved 6mm dia zinc plated hexagonal headed type steel bolts with nuts and washers.                                                                                                                                                  | no   | 0.43           |
| SW.153 | Approved 8mm dia zinc plated hexagonal headed type steel bolts with nuts and washers.                                                                                                                                                  | no   | 0.43           |
| SW.154 | Approved 8mm dia zinc plated or sheradized type steel bolts with nuts and washers.                                                                                                                                                     | no   | 0.26           |
| SW.155 | Approved 8mm dia high tensile type steel bolts with nuts and washers.                                                                                                                                                                  | no   | 0.43           |
| SW.156 | Take out metal/timber windows, return to store or away and make good work disturbed.                                                                                                                                                   | sq m | 6.12           |
| SW.157 | Take out, oil and refix metal/timber window (any type and size) and put to smooth working condition.                                                                                                                                   | no   | 24.48          |
| SW.158 | Approved galvanised steel adjustable louvred window frame with 6mm thick clips to receive 150mm blades including screws to match (louvred measured separately), (control measured separately).                                         | no   | 16.32          |
| SW.159 | Approved galvanised steel adjustable louvred window frame with 6mm thick clips to receive 150mm blades including screws to match (louvred measured separately). Extra over item for galvanised steel frame for each control mechanism. | no   | 1.53           |
| SW.160 | Approved galvanised steel adjustable louvred window frame with 6mm thick clips to receive 150mm blades including screws to match (louvred measured separately), Set of natural anodised frame control measured separately.             | m    | 34             |

| S/No   | Description                                                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.161 | Approved anodised bronze adjustable louvred window frame with 6mm thick clips to receive 150mm blades including screws to match (louvred measured separately), (control measured separately).                                                                    | m    | 35.7           |
| SW.162 | Extra over for each control mechanism of approved galvanised steel adjust lourved window frame with natural anodised frame control measured separately.                                                                                                          | m    | 2.04           |
| SW.163 | Extra over approved anodised bronze adjust lourved window frame with 6mm clips for each control mechanism.                                                                                                                                                       | m    | 2.04           |
| SW.164 | 1.2mm thick natural anodised aluminium section frames in single light, complete with ironmongery, fixing straps, vinyl weather strips including building-in and pointing frame (glass measured separately) with sidehinged window and casement frames.           | sq m | 144.5          |
| SW.165 | 1.2mm thick natural anodised aluminium section frames in single light, complete with ironmongery, fixing straps, vinyl weather strips including building-in and pointing frame (glass measured separately) with tophung window frame and sash.                   | sq m | 168.22         |
| SW.166 | 1.2mm thick natural anodised aluminium section frames in single light, complete with ironmongery, fixing straps, vinyl weather strips including building-in and pointing frame (glass measured separately) with sliding window frame and sash.                   | sq m | 126.91         |
| SW.167 | 1.2mm thick natural anodised aluminium section frames in single light, complete with ironmongery, fixing straps, vinyl weather strips including building-in and pointing frame (glass measured separately) with fixed window frame.                              | sq m | 97.58          |
| SW.168 | 10mm square mild steel burglar-proof bar fixed to holders of louvred window frames.                                                                                                                                                                              | m    | 2.21           |
| SW.169 | 12.5mm diameter aluminium burglar-proof bar fixed to holders of louvred window frames.                                                                                                                                                                           | m    | 3.06           |
| SW.170 | 1.00mm approved metal weather strips (any approved type and width) fixed to window cill.                                                                                                                                                                         | m    | 2.55           |
| SW.171 | Take out existing timber or metal louvers (any size) from doors, windows, vents, louvred frames, etc and return to store or cart away as directed.                                                                                                               | m    | 0.43           |
| SW.172 | Replace screws to louvred frames.                                                                                                                                                                                                                                | no   | 0.17           |
| SW.173 | Take out existing louvred window frames (any type and size), make good work disturbed and remove off site or set aside for re-use (excluding glass).                                                                                                             | no   | 1.19           |
| SW.174 | Take out existing louvred window frames (any type and size), make good work disturbed and refix (excluding glass).                                                                                                                                               | no   | 3.66           |
| SW.175 | Take out existing louvred window frame, ease, oil adjust and refix in position (excluding glass).                                                                                                                                                                | no   | 4.17           |
| SW.176 | 1.5mm anodised aluminium louvred blades with stucco embossed pattern 100mm wide to 100mm wide clips of louvred frames or grooves in timber, with aluminium rivets or bolts and washers including preparing or cleaning clips or grooved and drilling.            | m    | 6.12           |
| SW.177 | 1.5mm anodised aluminium louvred blades with stucco embossed pattern 150mm wide to 150mm wide clips of adjustable louvred frames or grooves in timber, with aluminium rivets or bolts and washers including preparing or cleaning clips or grooved and drilling. | m    | 8.5            |
| SW.178 | Supply labour and material to fix aluminium louvred blades to existing louvred frames, including removing blades, drilling and fixing 4 rivets to each blade (rate per blade).                                                                                   | no   | 1.19           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.179 | Anodised bronze aluminium fixed louvers c/w anodised bronze aluminium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sq m | 199.58         |
| SW.180 | frames.  Sliding and folding door consisting of mild steel angle frames, infilled with 1.32mm mild steel plates and including welded brackets, etc riveting together and c/w approved sliding gear, track, guide, lock, hinges and all other necessary ironmongery and including one coat of inhibitive primer before delivery and two coats of enamel paint after installation.                                                                                                                                                                                                                                                                     | sq m | 192.53         |
| SW.181 | Approved mild steel collapsible gate cum folding door (1.5mm) c/w sliding gear, track, guide, lock, hinges and all other necessary accessories and including applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation.                                                                                                                                                                                                                                                                                                                                                                                | sq m | 269.03         |
| SW.182 | Mild steel grilled door comprising of 25mm x 25mm x 2mm mild steel hollow section surround and 25mm x 6mm mild steel flat bar fixed vertically at not exceeding 500mm centre to centre and infill with 19mm x 6mm mild steel flat bars arranged diagonally at 80mm centre to centre, the whole fillet welded together, c/w hinges, approved lock, 25mm x 25mm x 3mm mild steel angle door frame and fixing frame to wall with holdfasts including all necessary welding and all other accessories, applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation.                                          | sq m | 100.39         |
| SW.183 | Mild steel grilled door comprising of 25mm x 25mm x 2mm mild steel hollow section and fixed vertically at not exceeding 500mm centre to centre infill with 19mm x 6mm mild steel flat bars at 100mm centre to centre, the whole fillet welded together, c/w hinges, approved lock, 32mm x 32mm x 3mm mild steel angle door frame and fixing frame to wall with holdfasts including all necessary welding and all other accessories, applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation.                                                                                                         | sq m | 103.19         |
| SW.184 | Mild steel sliding grilled door comprising of 25mm x 25mm x 2mm mild steel hollow section surround and 25mm x 6mm mild steel flat bars fixed vertically at not exceeding 500mm centre to centre and infill with 19mm x 6mm mild steel flat bars arranged diagonally at 80mm centre to centre, c/w approved lock, sliding track consisting 65mm x 38mm mild steel 'U' channel at the bottom, rollers and huides including 50mm x 50mm x 4mm mild steel hollow section door frame and fixing frame to wall with holdfast or approved bolts, including whole welding and all other necessary accessories, applying one coat of inhibitive primer before | sq m | 112.2          |
| SW.185 | delivery and two coats of enamel paint after installation. Mild steel sliding grilled door comprising of 38mm x 38mm x 3mm mild steel hollow section surround and infill with 19mm x 4.5mm flat bars bent to approved ornamental shape or design c/w approved lock, sliding track, rollers and guides including 38mm x 38mm x 3mm thick mild steel angle door frame and fixing frame to wall with holdfasts or approved bolts, including whole welding and all other necessary accessories, applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation.                                                 | sq m | 132.6          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.186 | Mild steel sliding grilled door comprising of 38mm x 38mm x 3mm thick mild steel hollow section surround 25mm x 6mm flat bar fixed vertically at not exceeding 600mm centre to centre and infill with 19mm x 6mm flat bars at 80mm centre to centre, the whole fillet welded together c/w approved lock, sliding track consisting of 65mm x 38mm 'U' channel at the top and 36mm x 19mm hollow section at the bottom, roller and guides including 38mm x 38mm x 3mm thick mild steel angle door frame and fixing frame to wall with holdfasts or approved bolts, including whole welding and all other necessary accessories, applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation. | sq m | 169.58         |
| SW.187 | Mild steel sliding grilled door comprising of 25mm x 25mm x 3mm thick mild steel hollow section surround, 25mm x 6mm flat bar fixed vertically at not exceeding 600mm centre to centre and infill with 10mm x 10mm square bars arranged diagonally at 80mm centre to centre, the whole fillet welded together c/w lock, sliding track, rollers and guides including 25mm x 25mm x 3mm thick hollow section door frames and fixing frame to wall with holdfasts or approved bolts, including whole welding and all other necessary accessories, applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation.                                                                                | sq m | 119.26         |
| SW.188 | Mild steel grilles comprising of mild steel flat bars surround and fixed vertically not exceeding 500mm centre to centre and infilled with square bars arranged diagonally at 80mm centre to centre and including whole welding, fixing to woodwork, brickwork, concrete work or counter top etc applying one coat of inhibitive primer before delivery and two coats of enamel paint after installation                                                                                                                                                                                                                                                                                                                               | sq m | 84.92          |
| SW.189 | Mild steel grilles comprising of 25mm x 6m mild steel flat bars surround and infill with 19mm x 4.5mm mild steel flat bars bent to approved ornamental shape or design and including whole welding, fixing to woodwork, brickwork, concrete work or counter top etc applying one coat of inhibitive primer before delivery and two coats enamel paint after                                                                                                                                                                                                                                                                                                                                                                            | sq m | 85.85          |
| SW.190 | installation.  Mild steel grilles comprising of 25mm x 6mm mild steel flat bar surround and 20mm x 4.5mm mild steel flat bar fixed vertically at not exceeding 350mm centre to centre and horizontally at 105mm centre to centre and including whole welding, fixing to woodwork, brickwork, concrete work or counter top etc applying one coat of inhibitive primer before delivery and two coats enamel paint after installation.                                                                                                                                                                                                                                                                                                    | sq m | 83.3           |
| SW.191 | Mild steel grilles comprising of 19mm x 6.4mm mild steel bar fixed vertically at 120mm centre to centre and horizontally at 300mm centre to centre and including whole welding, fixing to woodwork, brickwork, concrete work, etc. with 6mm diameter x 50mm retraction bolt place at 300mm centre to centre, applying one coat of inhibitive primer and two coats enamel paint.                                                                                                                                                                                                                                                                                                                                                        | sq m | 145.86         |
| SW.192 | Mild steel grilles comprising of 17mm x 4mm mild steel flat bars surround and fixed vertically at not exceeding 750mm centre to centre and infilled with 17mm x 4mm mild steel flat bar arranged diagonally at 82mm centre to centre and including whole welding, fixing to woodwork, brickwork, concrete work or counter top etc, applying one coat of inhibitive primer and two coats enamel paint.                                                                                                                                                                                                                                                                                                                                  | sq m | 70.13          |
| SW.193 | Mild steel grilles comprising of 15mm x 4.5mm mild steel flat bars surround and infill with 15mm x 4.5mm bent to approved ornamental shape or design and including whole welding, fixing to woodwork,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sq m | 108.04         |

| S/No   | Description                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|        | brickwork, concrete work or counter top etc, applying one coat of inhibitive primer and two coats enamel paint.                                                                                                                                                                 |      |                |
| SW.194 | Gauge 18 aluminium ornamental grilles consisting of not exceeding 76mm x 44mm hollow section surround and 19mm x 3mm infilling bent to approved ornamental shape or design including all necessary welding and fixing to woodwork, brickwork, concrete work or counter top etc. | sq m | 86.36          |
| SW.195 | Supply and install fixed bronze anodised aluminium grille comprising of 30mm x 30mm hollow section framing and 12mm x 10mm Amplimesh '103'/'104' including U-channel edging and rivets.                                                                                         | sq m | 144.84         |
| SW.196 | Supply and install bronze anodised aluminium sliding grille comprising of aluminium hollow section framing and 12mm x 10mm Amplimesh '103'/'104' including approved lock, track, roller guides and all necessary accessories.                                                   | sq m | 161.16         |
| SW.197 | Supply and install bronze anodised aluminium sliding door comprising of hollow section framing and 12mm x 10mm Amplimesh '103'/'104' including cylinder lock, track, roller guides and all necessary accessories.                                                               | sq m | 221.77         |
| SW.198 | Supply and install bronze anodised aluminium door comprising hollow section and Amplimesh '103'/'104' including door frame and approved lock.                                                                                                                                   | sq m | 193.72         |
| SW.199 | Supply and install fixed natural anodised aluminium grille comprising of 30mm x 30mm hollow section framing and Amplimesh '103'/'104' including U-channel edging and rivets.                                                                                                    | sq m | 122.4          |
| SW.200 | Take out existing metal grilles, railing, window guards etc including fillets and remove off site or to store or stack for re-use.                                                                                                                                              | sq m | 4.59           |
| SW.201 | Take from stack existing metal grilles, railing, window guards etc. including fillets and refix to concrete, brickwork or timberwork.                                                                                                                                           | sq m | 7.31           |
| SW.202 | Take down existing heavy duty cast iron grilled railing (any pattern or type) including hackin concrete hardstanding and remove to store or remove off site or stack aside for re-use.                                                                                          | sq m | 8.76           |
| SW.203 | Take from stack ditto and refix to concrete work, brickwork, or timberwork including excavation, formwork and concrete if necessary hoisting and propping up in position. (NOTE: Take down weldmesh - measured separately).                                                     | sq m | 10.54          |
| SW.204 | 50mm diameter tubular mild steel handrail or bottom rail welded to baluster including running joint.                                                                                                                                                                            | m    | 15.3           |
| SW.205 | Extra over for bend for 50mm diameter tubular mild steel handrail or bottom rail welded to baluster including running joint.                                                                                                                                                    | no   | 9.95           |
| SW.206 | Extra over for ramp for 50mm diameter tubular mild steel handrail or bottom rail welded to baluster including running joint.                                                                                                                                                    | no   | 4.85           |
| SW.207 | Extra over for knee for 50mm dia tubular mild steel handrail or bottom rail welded to baluster running joint for knee.                                                                                                                                                          | no   | 4.85           |
| SW.208 | 38mm diameter x 900mm long mild steel baluster welded on to pipe rail, one end split and cast into concrete stringer and grouted in cement mortar (1:3).                                                                                                                        | no   | 15.3           |
| SW.209 | 20mm x 5mm mild steel baluster 600mm long welded to pipe rails.                                                                                                                                                                                                                 | no   | 2.98           |
| SW.210 | Remove existing plain or chequered metal plate as treads in staircase and prepare to receive new works.                                                                                                                                                                         | no   | 6.89           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.211 | Demountable partition framing (for full height lining) with an overall thickness of not more than 75mm, comprising of mild steel studs or galvanised iron studs with exposed anodised aluminium framing placed at 600mm centre at both ways,, corner and end posts, anodised aluminium ceiling and floor tracks c/w approved vinyl insert, aluminium door frames, if any, 100mm (max.) high aluminium skirting and other recommended accessories (Lining measure separately).  Demountable partition framing (for full height lining) with an overall thickness of not more than 75mm, comprising of mild steel studs or galvanised iron studs with exposed anodised aluminium framing placed at 600mm centre at both ways,, corner and end posts, anodised aluminium | sq m | 25.5<br>29.67  |
|        | ceiling and floor tracks c/w approved vinyl insert, aluminium door frames, if any, 100mm (max.) high aluminium skirting and other recommended accessories but with fanlight (lining and glass measured separately).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| SW.213 | Demountable partition framing (for full height lining) with an overall thickness of not more than 75mm, in two panel with top or both panels open to receive glass and bottom panel open to receive lining and fixed c/w approved vinyl insert, 100mm (max.) high aluminium skirting, door frames, if any, transome and other recommended accessories. (Lining and glass measured separately).                                                                                                                                                                                                                                                                                                                                                                        | sq m | 29.67          |
| SW.214 | Demountable partition framing (for full height lining) with an overall thickness of not more than 75mm, in two panel with top or both panels open to receive glass and bottom panel open to receive lining and fixed c/w approved vinyl insert, 100mm (max.) high aluminium skirting, door frames, if any, transome and other recommended accessories with fanlight. (Lining and glass measured separately).                                                                                                                                                                                                                                                                                                                                                          | sq m | 35.87          |
| SW.215 | Supply and install 75mm thk demountable wall partition consisting of 13mm thick non combustible gypsum boards on both sides filled with 50mm thk fibreglass wool complete both sides filled with aluminium binding sections, stud framings, skirtings and all fixing accessories and painting with 3 coats of approved acrylic emuslion paint on both sides of partition. (Door and door frames are measured separately).                                                                                                                                                                                                                                                                                                                                             | sq m | 49.3           |
| SW.216 | Supply and install 75mm thk demountable wall partition consisting of 13mm thick non combustible gypsum boards on both sides filled with 50mm thk fibreglass wool complete both sides filled with aluminium binding sections, stud framings, skirtings and all fixing accessories and painting with 3 coats of approved acrylic emuslion paint on both sides of partition with 400mm high fanlight and including clear sheet glass. (Door and door frames are measured separately).                                                                                                                                                                                                                                                                                    | sq m | 54.4           |
| SW.217 | Supply and install 75mm thk demountable wall partition consisting of 6mm thick non combustible calcium silicate boards on both sides filled with 50mm thk fibreglass wool with density of 60kg/m3 complete both sides filled with aluminium binding sections, stud.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sq m | 49.3           |
| SW.218 | Supply and install 75mm thk demountable wall partition consisting of 6mm thick non combustible calcium silicate boards on both sides filled with 50mm thk fibreglass wool with density of 60kg/m3 complete both sides filled with aluminium binding sections, stud.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | sq m | 54.4           |
| SW.219 | Taken down demountable aluminium framing partition including door and glass, if any, remove to store or stack aside for re-use or remove off site and make good area disturbed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | sq m | 7.14           |
| SW.220 | Take from stack and refix in position demountable aluminium partition including door and providing all necessary accessories, vinyl insert, screws, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | sq m | 15.13          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.221 | Repair existing demountable aluminium partition including replacing vinyl insert and accessories to match existing (Lining measured separately).                                                                                                                                                                                      | sq m | 12.07          |
| SW.222 | Form opening on demountable partition (minimum 1 sqaure metre).                                                                                                                                                                                                                                                                       | sq m | 7.31           |
| SW.223 | Aluminium door frame and fixing to demountable partition (Timber door is measured separately).                                                                                                                                                                                                                                        | no   | 61.2           |
| SW.224 | Vinyl 'U' shaped gasket to receive glass in new or in replacement including taking out existing and making good surround.                                                                                                                                                                                                             | m    | 0.43           |
| SW.225 | 75mm high black vinyl skirting to demountable partition including adhesive.                                                                                                                                                                                                                                                           | m    | 1.87           |
| SW.226 | 100mm high black vinyl skirting to demountable partition including adhesive.                                                                                                                                                                                                                                                          | m    | 2.21           |
| SW.227 | Supply and lay medium duty vinyl or fabric covering including preparation of surface to receive wall covering and all fixing accessories.                                                                                                                                                                                             | sq m | 11.22          |
| SW.228 | Supply labour and compatible adhesive for fixing decorative fabric/vinyl paper to wall including cutting border, strips corner and motice to profile for fixing.                                                                                                                                                                      | m    | 4.25           |
| SW.229 | 65mm high bronze anodised aluminium skirting to demountable partition.                                                                                                                                                                                                                                                                | m    | 4.08           |
| SW.230 | 100mm high natural anodised aluminium skirting with vinyl insert to demountable aluminium partition.                                                                                                                                                                                                                                  | m    | 4.25           |
| SW.231 | 100mm high anodised natural anodised aluminium skirting with vinyl insert to demountable aluminium partition but in replacement including taking down existing and removing off site.                                                                                                                                                 | m    | 4.68           |
| SW.232 | Replace missing or defective vinyl glazing gasket or vinyl insert for aluminium partition stud or skirting.                                                                                                                                                                                                                           | m    | 1.19           |
| SW.233 | Extra over demountable partition for 40mm thk single leaf flush door with anodised aluminium edging and with or without glazed peephole (ironmongery measured separately). Covered on both sided with and including 13mm thk plain gypsum board finished with 2 coats of emulsion                                                     | sq m | 101.66         |
| SW.234 | paint.  Extra over demountable partition for 40mm thk single leaf flush door with anodised aluminium edging and with or without glazed peephole (ironmongery measured separately). Covered on both sides with and including 13mm thk Vinyl faced gypsum board.                                                                        | sq m | 114.33         |
| SW.235 | Extra over demountable partition for 40mm thk single leaf flush door with anodised aluminium edging and with or without glazed peephole (ironmongery measured separately). Covered on both sides with and including 6mm thk teak veneered plywood.                                                                                    | sq m | 101.66         |
| SW.236 | Extra over demountable partition for 40mm thk single leaf flush door with anodised aluminium edging and with or without glazed peephole but with louvred vent not exceeding 0.50sq m (ironmongery measured separately). Covered on both sided with and including 13mm thk plain gypsum board finished with 2 coats of emulsion paint. | sq m | 142.29         |
| SW.237 | Extra over demountable partition for 40mm thk single leaf flush door with anodised aluminium edging and with or without glazed peephole but with louvred vent not exceeding 0.50sq m (ironmongery measured separately). Covered on both sides with and including 13mm thk Vinyl faced gypsum board.                                   | sq m | 167.62         |
| SW.238 | Extra over demountable partition for 40mm thk single leaf flush door with anodised aluminium edging and with or without glazed peephole but with louvred vent not exceeding 0.50sq m (ironmongery measured separately).                                                                                                               | sq m | 142.29         |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|        | Covered on both sides with and including 6mm thk teak veneered plywood.                                                                                                                                                                                                                                                                     |      |                |
| SW.239 | Extra over demountable partition for 40mm thk double leaf flush door with anodised aluminium edging and with or without glazed peephole (ironmongery measured separately). Covered on both sided with and including 13mm thk plain gypsum board finished with 2 coats of emulsion paint.                                                    | sq m | 162.61         |
| SW.240 | Extra over demountable partition for 40mm thk double leaf flush door with anodised aluminium edging and with or without glazed peephole (ironmongery measured separately). Covered on both sides with and including 13mm thk Vinyl faced gypsum board.                                                                                      | sq m | 172.72         |
| SW.241 | Extra over demountable partition for 40mm thk double leaf flush door with anodised aluminium edging and with or without glazed peephole (ironmongery measured separately). Covered on both sides with and including 6mm thk teak veneered plywood.                                                                                          | sq m | 162.61         |
| SW.242 | Extra over demountable partition for 40mm thk panelled door, top panel opened to receive glass (rate for glass included) and bottom panel to receive lining including vinyl glazing gasket (ironmongery measured separately). Covered on both sided with and including 13mm thk plain gypsum board finished with 2 coats of emulsion paint. | sq m | 152.49         |
| SW.243 | Extra over demountable partition for 40mm thk panelled door, top panel opened to receive glass (rate for glass included) and bottom panel to receive lining including vinyl glazing gasket (ironmongery measured separately). Covered on both sides with and including 13mm thk Vinyl faced gypsum board.                                   | sq m | 172.72         |
| SW.244 | Extra over demountable partition for 40mm thk panelled door, top panel opened to receive glass (rate for glass included) and bottom panel to receive lining including vinyl glazing gasket (ironmongery measured separately). Covered on both sides with and including 6mm thk teak veneered plywood.                                       | sq m | 152.49         |
| SW.245 | Take down door from demountable aluminium partition, remove to store or remove off site or stack aside for re-use and make good surround                                                                                                                                                                                                    | no   | 4.93           |
| SW.246 | Hang existing door to demountable aluminium partition including replacing accessories to match existing (Ironmongery measured separately).                                                                                                                                                                                                  | no   | 12.24          |
| SW.247 | 1 hour rated steel fire door 1200 x 2100 x 47mm thick, single leaf, Polynorm complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame.                                                                                                                     | no   | 1250.78        |
| SW.248 | 1 hour rated steel fire door 1200 x 2100 x 47mm thick, single leaf,<br>Pyropanel complying with SS 332 complete with fire proofed cylinder<br>lockset, stainless steel ball bearing hinges, flush bolt, door closer and<br>frame.                                                                                                           | no   | 1468.8         |
| SW.249 | 1 hour rated steel fire door 2400 x 2100 x 47mm thick, double leaf, Polynorm complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame.                                                                                                                     | no   | 2311.58        |
| SW.250 | 1 hour rated steel fire door 2400 x 2100 x 47mm thick, double leaf, Pyropanel complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and frame.                                                                                                                    | no   | 2672.4         |

| S/No    | Description                                                                                                                                              | Unit   | Unit Cost (\$) |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| SW.251  | 2 hour rated steel fire door 1200 x 2100 x 48mm thick, single leaf,                                                                                      | no     |                |
|         | Polynorm complying with SS 332 complete with fire proofed cylinder                                                                                       |        | 1653.25        |
|         | lockset, stainless steel ball bearing hinges, flush bolt, door closer and                                                                                |        |                |
|         | frame.                                                                                                                                                   |        |                |
| SW.252  | 2 hour rated steel fire door 1200 x 2100 x 48mm thick, single leaf,                                                                                      | no     |                |
|         | Pyropanel complying with SS332 complete with fire proofed cylinder                                                                                       |        | 1602.68        |
|         | lockset, stainless steel ball bearing hinges, flush bolt, door closer and                                                                                |        |                |
| SW.253  | frame.                                                                                                                                                   |        |                |
| 3VV.253 | 2 hour rated steel fire door 2400 x 2100 x 48mm thick, double leaf, Polynorm complying with SS 332 complete with fire proofed cylinder                   | no     | 2446.73        |
|         | lockset, stainless steel ball bearing hinges, flush bolt, door closer and                                                                                |        | 2440.73        |
|         | frame.                                                                                                                                                   |        |                |
| SW.254  | 2 hour rated steel fire door 2400 x 2100 x 48mm thick, double leaf,                                                                                      | no     |                |
|         | Pyropanel complying with SS 332 complete with fire proofed cylinder                                                                                      |        | 2807.55        |
|         | lockset, stainless steel ball bearing hinges, flush bolt, door closer and                                                                                |        |                |
|         | frame.                                                                                                                                                   |        |                |
| SW.255  | 1/2 hour rated steel fire door 1000 x 2250 x 45mm thick, single leaf,                                                                                    | no     |                |
|         | Polynorm complying with SS 332 complete with fire proofed cylinder                                                                                       |        | 680            |
|         | lockset, stainless steel ball bearing hinges, flush bolt, door closer and                                                                                |        |                |
| CM 25.0 | frame.                                                                                                                                                   |        |                |
| SW.256  | 1 hour rated steel fire door 1800 x 2250 x 45mm thick, double leaf,                                                                                      | no     | 1260           |
|         | Polynorm complying with SS 332 complete with fire proofed cylinder lockset, stainless steel ball bearing hinges, flush bolt, door closer and             |        | 1360           |
|         | frame.                                                                                                                                                   |        |                |
| SW.257  | Steel Flush door 1800x2380x45mm thk,double leaf with 1800x340 top                                                                                        | no     | 1700           |
| 0111207 | panel complete with ironmongory                                                                                                                          |        | 1700           |
| SW.258  | Heavy duty natural anodised louvred doors comprising of 50mm x 45mm                                                                                      | sq m   |                |
|         | x 1.83mm thick aluminium vertical stiles, 80mm x 45mm x 2.3mm thick                                                                                      |        |                |
|         | aluminium top and centre rails, 50mm x 45mm x 2.3mm thick aluminium                                                                                      |        |                |
|         | bottom rail, 75mm girth x 3mm thick aluminium louvred blade infill,                                                                                      |        | 355.3          |
|         | 38mm x 3mm thick aluminium bracing c/w approved hinges, 150mm                                                                                            |        |                |
|         | bolts and heavy duty hasp and staple including 102mm x 50mm x 3mm                                                                                        |        |                |
|         | thick and 50mm x 25mm x 2mm thick aluminium hollow section door                                                                                          |        |                |
| CW 250  | frame and fixed frame to wall.                                                                                                                           |        |                |
| SW.259  | Heavy duty anodised bronze aluminium louvred doors comprising of 50mm x 45mm x 1.83mm thick aluminium vertical stiles, 80mm x 45mm x                     | sq m   |                |
|         | 2.3mm thick aluminium top and centre rails, 50mm x 45mm x 2.3mm                                                                                          |        |                |
|         | thick aluminium bottom rail, 75mm girth x 3mm thick aluminium louvred                                                                                    |        | 381.48         |
|         | blade infill, 38mm x 3mm thick aluminium bracing c/w approved hinges,                                                                                    |        | 002.10         |
|         | 150mm bolts and heavy duty hasp and staple including 102mm x 50mm x                                                                                      |        |                |
|         | 3mm thick and 50mm x 25mm x 2mm thick aluminium hollow section                                                                                           |        |                |
|         | door frame and fixed frame to wall.                                                                                                                      |        |                |
| SW.260  | Aluminium sliding door (approved thickness) in single or multiple leaves                                                                                 | sq m   |                |
|         | with anodised natural satin matt finish framing, in one panel and with                                                                                   |        |                |
|         | vinyl glazing gasket to receive glass, c/w door frame including waterproof                                                                               |        | 131.41         |
|         | cement fillet, vinyl weather strip all round, tracks, channels, nylon rollers, guides, concealed hook, cylinder lock operated by latch or by key and all |        |                |
|         | necessary accessories (Glass measured separately).                                                                                                       |        |                |
| SW.261  | Aluminium sliding door (approved thickness) in single or multiple leaves                                                                                 | sq m   |                |
| 300.201 | with anodised natural satin matt finish framing, in two panels and with                                                                                  | 34 111 |                |
|         | vinyl glazing gasket to receive glass, c/w door frame including waterproof                                                                               |        | 133.96         |
|         | cement fillet, vinyl weather strip all round, tracks, channels, nylon rollers,                                                                           |        | 155.50         |
|         | guides, concealed hook, cylinder lock operated by latch or by key and all                                                                                |        |                |
|         | necessary accessories (Glass measured separately).                                                                                                       |        |                |
|         | •                                                                                                                                                        | •      | 1              |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.262 | Take down existing aluminium sliding door complete, remove off site or stack aside for re-use and make good area disturbed.                                                                                                                                                                                                                                                                                     | sq m | 24.91          |
| SW.263 | Take out swing door if necessary, replace hydraulic oil in the mechanism box and rehang (rate per leaf).                                                                                                                                                                                                                                                                                                        | no   | 49.64          |
| SW.264 | Adjust, ease, oil and make good track, frame, etc for aluminium sliding door (any thickness) and including replacing any missing or damaged rollers and guide, taking out door and re-hanging if necessary (rate per leaf).                                                                                                                                                                                     | no   | 39.61          |
| SW.265 | Take out glass door (any type and size), refit patch, fitting & rehang glass door & realignment (rate per leaf).                                                                                                                                                                                                                                                                                                | no   | 102            |
| SW.266 | Adjust, ease, oil and make good track, frame, etc for aluminium swing door including replacing any missing or damage top centre do (rate per leaf).                                                                                                                                                                                                                                                             | no   | 39.61          |
| SW.267 | Anodised aluminium glazed swing door and frame 75mm x 40mm thick door surround with weather strip all round and gasket to receive glass c/w necessary floor spring, lock and 200mm high push/pull plate (Glass measured separately).                                                                                                                                                                            | sq m | 204            |
| SW.268 | Anodised aluminium glazed swing door and frame 100mm x 40mm thick door surround with weather strip all round and gasket to receive glass c/w necessary floor spring, lock and 200mm high push/pull plate (Glass measured separately).                                                                                                                                                                           | sq m | 233.58         |
| SW.269 | Anodised aluminium framed partition divided into one or multiple panels and fanlights and comprising 75 x 40mm studs placed at not more than 1200mm centre c/w weather strip all round, gasket to receive glass and 100mm high aluminium skirting (Glass measured separately).                                                                                                                                  | sq m | 98.77          |
| SW.270 | Anodised aluminium framed partition divided into one or multiple panels and fanlights and comprising 100 x 40mm studs placed at not more than 1200mm centre c/w weather strip all round, gasket to receive glass and 100mm high aluminium skirting (Glass measured separately).                                                                                                                                 | sq m | 124.02         |
| SW.271 | Anodised aluminium framed partition divided into one or multiple panels and fanlights and comprising 75 x 40mm studs including aluminium fascia (Glass measured separately).                                                                                                                                                                                                                                    | sq m | 127.08         |
| SW.272 | Aluminium framed partition with fixed glazed panel as before described each with 200mm high transome, including top fixed light, fanlight and one or multiple leaves of standard swing doors, each with 200mm high push/pull plates on both sides and with weather strips all round c/w approved floor spring and lock. (Glass measured separately).                                                            | sq m | 102.6          |
| SW.273 | Anodised bronze aluminium glazed swing door c/w door frame including weather strips, gasket, floor spring, lock and push/pull plate. (Glass measured separately).                                                                                                                                                                                                                                               | sq m | 343.74         |
| SW.274 | Bronze aluminium sliding door in single or multiple leaves with bronze anodised material satin matt finished framing and vinyl glazing gasket to receive glass, c/w door frame including waterproof cement fillet, vinyl weather strip all round, tracks, channels, rollers, guides, concealed hook, cylinder lock operated by latch or by key and all other necessary accessories (Glass measured separately). | sq m | 130.14         |
| SW.275 | Approved aluminium sliding casement with 75mm x 50mm anodised natural satin matt finished framing in one panel opened and with vinyl glazing gaskets to receive glazing c/w casement frame including waterproof cement fillet, vinyl weather strip, tracks, channels, nylon rollers, guides, zinc casting casement catch or lock with key and all other necessary accessories (Glass measured separately).      | sq m | 89.34          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.276 | Approved bronze anodised aluminium sliding window with 75mm x 50mm anodised natural satin matt finished framing in one panel opened and with vinyl glazing gaskets to receive glazing c/w casement frame including waterproof cement fillet, vinyl weather strip, tracks, channels, nylon rollers, guides, zinc casting casement catch or lock with key and all other necessary accessories (Glass measured separately). | sq m | 107.78         |
| SW.277 | Approved aluminium side hung window with anodised natural satin matt finished framing with vinyl glazing gaskets to receive glazing c/w casement frame including waterproof cement fillet, vinyl weather strip, zinc casting casement catch or lock with key and all other necessary accessories (Glass measured separately).                                                                                            | sq m | 112.2          |
| SW.278 | Approved bronze anodised aluminium side hung window with anodised natural satin matt finished framing with vinyl glazing gaskets to receive glazing c/w casement frame including waterproof cement fillet, vinyl weather strip, zinc casting casement catch or lock with key and all other necessary accessories (Glass measured separately).                                                                            | sq m | 160.74         |
| SW.279 | Take down approved bronze anodised aluminium side hung window complete, remove off site and make good area disturbed.                                                                                                                                                                                                                                                                                                    | sq m | 14.71          |
| SW.280 | Anodised aluminium fixed panel comprising of 75mm x 50mm anodised aluminium hollow section surround and fixed vertically at not exceeding 900mm centre to centre c/w beading and glazing gaskets to receive glazing (Glass measured separately).                                                                                                                                                                         | sq m | 67.32          |
| SW.281 | Anodised bronze aluminium fixed panel comprising of 75mm x 50mm anodised bronze aluminium hollow section surround and fixed vertically at not exceeding 900mm centre to centre c/w beading and glazing gaskets to receive glazing (Glass measured separately).                                                                                                                                                           | sq m | 87.72          |
| SW.282 | Anodised aluminium fixed panel comprising of 100mm x 50mm anodised aluminium hollow section surround and fixed vertically at not exceeding 900mm centre to centre c/w glazing gaskets to receive glazing (Glass measured separately).                                                                                                                                                                                    | sq m | 78.54          |
| SW.283 | Anodised bronze aluminium fixed panel comprising of 100mm x 50mm anodised aluminium hollow section surround and fixed vertically at not exceeding 900mm centre to centre c/w glazing gaskets to receive glazing (Glass measured separately).                                                                                                                                                                             | sq m | 96.48          |
| SW.284 | Supply and fix 50 x 100 x 3mm powder coated door frame of size 1000mm wide x 2400mm high                                                                                                                                                                                                                                                                                                                                 | set  | 204            |
| SW.285 | Supply and fix 50 x 100 x 3mm powder coated door frame of size 1250mm wide x 2400mm high.                                                                                                                                                                                                                                                                                                                                | set  | 255            |
| SW.286 | Supply and fix 50 x 100 x 3mm powder coated door frame of size 2000mm wide x 2400mm high.                                                                                                                                                                                                                                                                                                                                | set  | 285.6          |
| SW.287 | Approved aluminium top-hung window with anodised natural satin matt finished framing with vinyl glazing gaskets, c/w casement frame including waterproof cement fillet, vinyl weather strip, zinc casting casement catch and all other necessary accessories (glass measured separately).  Overall not exceeding 0.40sq m.                                                                                               | sq m | 289.09         |
| SW.288 | Approved aluminium top-hung window with anodised natural satin matt finished framing with vinyl glazing gaskets, c/w casement frame including waterproof cement fillet, vinyl weather strip, zinc casting casement catch and all other necessary accessories (glass measured separately). Overall exceeding 0.40sq m but not exceeding 1.10sq m.                                                                         | sq m | 207.23         |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.289 | Approved aluminium top-hung window with anodised natural satin matt finished framing with vinyl glazing gaskets, c/w casement frame including waterproof cement fillet, vinyl weather strip, zinc casting casement catch and all other necessary accessories (glass measured separately). Overall exceeding 1.10sq m.                                                                            | sq m | 175.61         |
| SW.290 | Bronze aluminium top-hung window with bronze anodised natural satin matt finished framing with vinyl glazing gaskets, c/w casement frame including waterproof cement fillet, vinyl weather strip, casement catch and all other necessary accessories (glass measured separately). Overall not exceeding 0.40sq m.                                                                                | sq m | 302.94         |
| SW.291 | Bronze aluminium top-hung window with bronze anodised natural satin matt finished framing with vinyl glazing gaskets, c/w casement frame including waterproof cement fillet, vinyl weather strip, casement catch and all other necessary accessories (glass measured separately). Overall exceeding 0.40sq m but not exceeding 1.10sq m.                                                         | sq m | 222.19         |
| SW.292 | Bronze aluminium top-hung window with bronze anodised natural satin matt finished framing with vinyl glazing gaskets, c/w casement frame including waterproof cement fillet, vinyl weather strip, casement catch and all other necessary accessories (glass measured separately). Overall exceeding 1.10sq m.                                                                                    | sq m | 189.72         |
| SW.293 | Supply and install sunbreaker comprising of 18 SWG (1.22mm) fixed plain or extruded aluminium louvres 100mm wide, bent as necessary with all edges beaded, soldered fixed at 60 degrees to and including 75mm x 25mm aluminium hollow section surround and mullions consisting of 75mm x 45mm 'U' channel fixed to 75mm x 45mm aluminium hollow section at not exceeding 900mm centre to centre. | sq m | 166.26         |
| SW.294 | Take out existing louvred blades from sunbreaker, remove off site and replace blades to match existing (Rate per length of blade).                                                                                                                                                                                                                                                               | m    | 6.63           |
| SW.295 | Remove off site existing sunbreaker including frames, struts etc and make good work disturbed.                                                                                                                                                                                                                                                                                                   | sq m | 2.13           |
| SW.296 | Supply and install approved aluminium sunbreaker comprising of baked enamelled louvred panels(0.6mm thick) and stringers, c/w anodised aluminium hollow section frames and struts, wall brackets,approved bolts, screws, etc and all other necessary accessories. Area not exceeding 50sq m.                                                                                                     | sq m | 109.06         |
| SW.297 | Supply and install approved aluminium sunbreaker comprising of baked enamelled louvred panels(0.6mm thick) and stringers, c/w anodised aluminium hollow section frames and struts, wall brackets, approved bolts, screws, etc and all other necessary accessories. Area exceeding 50sq m but not exceeding 100sq m.                                                                              | sq m | 96.9           |
| SW.298 | Supply and install approved aluminium sunbreaker comprising of baked enamelled louvred panels(0.6mm thick) and stringers, c/w anodised aluminium hollow section frames and struts, wall brackets,approved bolts, screws, etc and all other necessary accessories. Area exceeding 100sq m but not exceeding 500sq m.                                                                              | sq m | 91.21          |
| SW.299 | Supply and install approved aluminium sunbreaker comprising of baked enamelled louvred panels(0.6mm thick) and stringers, c/w anodised aluminium hollow section frames and struts, wall brackets,approved bolts, screws, etc and all other necessary accessories. Area not exceeding 500sq m.                                                                                                    | sq m | 84.83          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.300 | Supply and install approved aluminium sunbreaker comprising of extruded aluminium louvred panels (0.6mm thick) c/w anodised aluminium frames, profile cap, panel lock brackets lock, panel bracket and all other necessary accessories. Area not exceeding 50sq m.                                                                                                                                                                       | sq m | 222.7          |
| SW.301 | Supply and install approved aluminium sunbreaker comprising of extruded aluminium louvred panels (0.6mm thick) c/w anodised aluminium frames, profile cap, panel lock brackets lock, panel bracket and all other necessary accessories. Area exceeding 50sq m but not exceeding 100sq m.                                                                                                                                                 | sq m | 169.66         |
| SW.302 | Supply and install approved aluminium sunbreaker comprising of extruded aluminium louvred panels (0.6mm thick) c/w anodised aluminium frames, profile cap, panel lock brackets lock, panel bracket and all other necessary accessories. Area exceeding 100sq m but not exceeding 500sq m.                                                                                                                                                | sq m | 159.04         |
| SW.303 | Supply and install approved aluminium sunbreaker comprising of extruded aluminium louvred panels (0.6mm thick) c/w anodised aluminium frames, profile cap, panel lock brackets lock, panel bracket and all other necessary accessories. Area exceeding 500sq m.                                                                                                                                                                          | sq m | 148.41         |
| SW.304 | Supply and install aluminium ceiling comprising of aluminium panels of 0.5mm thick in baked enamel coating, V5 aluminium carrier, black infill and all necessary fixing accessories.                                                                                                                                                                                                                                                     | sq m | 66.39          |
| SW.305 | Approved manually operated self-coiling natural finished aluminium roller shutter (fixed at bookshop, workshop, etc) of not less than 1.22mm interlocking latches c/w spring barrel assembly on top, bolted to concrete lintel and encased with not less than 1.0mm sheet including guides and brackets to concrete, fitting with 2 Nos. brass slip bolts at both ends of bottom rail with (Extreme size of openings shall be measured). | sq m | 147.48         |
| SW.306 | Provide opening in above item and including wicket door hinged to brickwork, concrete work, etc and all necessary ironmongery (padlock measured separately) (Extreme size of openings measured).                                                                                                                                                                                                                                         | sq m | 214.2          |
| SW.307 | Take out and repair existing aluminium or other metal roller shutter including replacing missing rollers, overhanging gears, tracks, oiling to working condition and refixing shutter in position. Overall size not exceeding 4m x 4m.                                                                                                                                                                                                   | no   | 198.9          |
| SW.308 | Take out and repair existing aluminium or other metal roller shutter including replacing missing rollers, overhanging gears, tracks, oiling to working condition and refixing shutter in position. Overall size exceeding 4m x 4m.                                                                                                                                                                                                       | sq m | 14.28          |
| SW.309 | Take out existing roller shutter complete, remove off site or set aside for re-use and make good work disturbed.                                                                                                                                                                                                                                                                                                                         | no   | 94.86          |
| SW.310 | Fix only roller shutter in position as directed including providing minor accessories.                                                                                                                                                                                                                                                                                                                                                   | sq m | 47.43          |
| SW.311 | Supply and install approved manually operated type bronze anodised aluminium roller shutter c/w guides. lock accessories, etc (Extreme size of openings shall be measured).                                                                                                                                                                                                                                                              | sq m | 177.06         |
| SW.312 | Supply and install approved manually operated type colour powder coated aluminium roller shutter c/w guides. lock accessories, etc (Extreme size of openings shall be measured).                                                                                                                                                                                                                                                         | sq m | 234.6          |
| SW.313 | Supply and install approved chain operated colour powder coated aluminium roller shutter c/w guides, 3 phase gear motor with safety chain, limit switch, push button, accessories, etc.                                                                                                                                                                                                                                                  | sq m | 316.2          |
| SW.314 | Replacement of metal U-channel track including removal and making good work disturbed (Take down doors to be measured separately).                                                                                                                                                                                                                                                                                                       | m    | 7.14           |

| S/No   | Description                                                                                                                                                                                                                                                | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.315 | 1.0mm rolled aluminium sheet panelling well lapped at joint and fixed to hollow section railing with stainless steel self tapping screws, as fascia, railing, etc including all cutting, waste and drilling. (Measured nett) (No allowance made for laps). | sq m | 204            |
| SW.316 | Take down aluminium weather fascia board and remove off site or stack for re-use.                                                                                                                                                                          | sq m | 0.6            |
| SW.317 | Refix aluminium weather fascia board including supplying new screws, cutting damaged and preparing edge to receive new.                                                                                                                                    | sq m | 13.09          |
| SW.318 | (1.32mm) anodised aluminium section cut to 19mm x 19mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 4.76           |
| SW.319 | (1.32mm) anodised aluminium section cut to 25mm x 13mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 4.76           |
| SW.320 | (1.32mm) anodised aluminium section cut to 38mm x 25mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 6.46           |
| SW.321 | (1.32mm) anodised aluminium section cut to 50mm x 25mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 7.06           |
| SW.322 | (1.32mm) anodised aluminium section cut to 75mm x 25mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 8.84           |
| SW.323 | (1.32mm) anodised aluminium section cut to 75mm x 50mm hollow section fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                            | m    | 14.28          |
| SW.324 | (1.32mm) anodised aluminium section cut to 100mm x 25mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                          | m    | 11.22          |
| SW.325 | (1.32mm) anodised aluminium section cut to 100mm x 40mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                          | m    | 14.79          |
| SW.326 | (1.32mm) anodised aluminium section cut to 25mm x 25mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 5.53           |
| SW.327 | (1.32mm) anodised aluminium section cut to 75mm x 75mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                           | m    | 16.75          |
| SW.328 | (1.32mm) anodised aluminium section cut to 25mm x 20mm bead, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                                     | m    | 3.57           |
| SW.329 | (1.32mm) anodised aluminium section cut to 6mm x 6mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                                    | m    | 3.23           |
| SW.330 | (1.32mm) anodised aluminium section cut to 10mm x 10mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                                  | m    | 3.4            |
| SW.331 | (1.32mm) anodised aluminium section cut to 13mm x 13mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                                  | m    | 3.57           |
| SW.332 | (1.32mm) anodised aluminium section cut to 16mm x 16mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                                  | m    | 4.08           |

| S/No   | Description                                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.333 | (1.32mm) anodised aluminium section cut to 19mm x 19mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                            | m    | 4.25           |
| SW.334 | (1.32mm) anodised aluminium section cut to 25mm x 25mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                            | m    | 4.93           |
| SW.335 | (1.32mm) anodised aluminium section cut to 50mm x 25mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                            | m    | 6.55           |
| SW.336 | (1.32mm) anodised aluminium section cut to 75mm x 25mm channel, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                            | m    | 8.5            |
| SW.337 | (1.32mm) anodised aluminium section cut to 82mm x 31mm x 75mm deep shoe, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                   | no   | 4.51           |
| SW.338 | (1.32mm) anodised aluminium section cut to 100mm skirting including rubber insert, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.         | m    | 7.57           |
| SW.339 | (1.32mm) anodised aluminium section cut to 63mm skirting including rubber insert, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.          | m    | 5.95           |
| SW.340 | (1.32mm) anodised aluminium section cut to UN 2 x 6mm deep strips including rubber insert, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc. | m    | 4.76           |
| SW.341 | (1.32mm) anodised aluminium section cut to UN 2 x 9mm deep strips including rubber insert, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc. | m    | 4.93           |
| SW.342 | (1.32mm) anodised aluminium section cut to 10mm x 10mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 3.15           |
| SW.343 | (1.32mm) anodised aluminium section cut to 13mm x 13mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 3.49           |
| SW.344 | (1.32mm) anodised aluminium section cut to 16mm x 16mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 3.57           |
| SW.345 | (1.32mm) anodised aluminium section cut to 19mm x 19mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 3.66           |
| SW.346 | (1.32mm) anodised aluminium section cut to 25mm x 25mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 4              |
| SW.347 | (1.32mm) anodised aluminium section cut to 32mm x 32mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 4.51           |
| SW.348 | (1.32mm) anodised aluminium section cut to 38mm x 38mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 4.76           |
| SW.349 | (1.32mm) anodised aluminium section cut to 51mm x 51mm angle, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                              | m    | 6.12           |
| SW.350 | 1.32mm bronze anodised aluminium section cut to 25mm x 25mm hollow section, fixed to                                                                                                 | m    | 6.29           |

| S/No   | Description                                                                                                                                                                           | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|        | brickwork, concrete work, etc including bending, welding and drilling holes etc.                                                                                                      |      |                |
| SW.351 | 1.32mm bronze anodised aluminium section cut to 25mm x 50mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                 | m    | 7.65           |
| SW.352 | 1.32mm bronze anodised aluminium section cut to 25mm x 75mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                 | m    | 10.37          |
| SW.353 | 1.32mm bronze anodised aluminium section cut to 25mm x 100mm hollow section, fixed to brickwork, concrete work, etc including bending, welding and drilling holes etc.                | m    | 16.32          |
| SW.354 | 3mm thick mild steel chequered plates cut to required size and fixed to concrete work, etc including bending welding and drilling holes, etc.                                         | sq m | 85.09          |
| SW.355 | 6mm thick mild steel chequered plates cut to required size and fixed to concrete work, etc including bending welding and drilling holes, etc.                                         | sq m | 149.35         |
| SW.356 | 3mm thick aluminium chequered plates cut to required size and fixed to concrete work, etc including bending welding and drilling holes, etc.                                          | sq m | 139.66         |
| SW.357 | 6mm thick aluminium chequered plates cut to required size and fixed to concrete work, etc including bending welding and drilling holes, etc.                                          | sq m | 254.49         |
| SW.358 | 150mm wide mild steel gratings in panels (Type A) with all joints and intersections whole welded, drilling and including painting with one coat of inhibitive primer before delivery  | m    | 82.88          |
| SW.359 | 200mm wide mild steel gratings in panels (Type A) with all joints and intersections whole welded, drilling and including painting with one coat of inhibitive primer before delivery  | m    | 97.33          |
| SW.360 | Mild steel gratings in panels (Type B) with all joints and intersections whole welded, drilling and including painting with one coat of inhibitive primer before delivery             | sq m | 233.58         |
| SW.361 | Mild steel gratings in panels (Type C) with all joints and intersections whole welded, drilling and including painting with one coat of inhibitive primer before delivery.            | sq m | 171.53         |
| SW.362 | Heavy duty mild steel gratings in panels (Type E) with all joints and intersections whole welded, drilling and including painting with one coat of inhibitive primer before delivery. | sq m | 311.53         |
| SW.363 | Light duty mild steel gratings in panels (Type F) with all joints and intersections whole welded, drilling and including with one coat of inhibitive primer before delivery.          | sq m | 141.95         |
| SW.364 | Galvanised steel gratings in panels (Type D) with all joints and intersections whole welded, drilling and including with one coat of inhibitive primer before delivery.               | sq m | 196.78         |
| SW.365 | Galvanised steel gratings in panels (Type G) with all joints and intersections whole welded, drilling and including with one coat of inhibitive primer before delivery.               | sq m | 177.99         |
| SW.366 | Galvanised steel gratings in panels (Type J) with all joints and intersections whole welded, drilling and including with one coat of inhibitive primer before delivery.               | sq m | 157.34         |
| SW.367 | Hot dipped galvanised steel gratings in panels (Type H) with all joints and intersections whole welded, drilling and including with one coat of inhibitive primer before delivery     | sq m | 175.1          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.368 | Heavy duty hot dipped galvanised gratings in panels (Type I) with all joints and intersections whole welded, drilling and including with one coat of inhibitive primer                                                                                                                                                                                                                                                                                                                                                       | sq m | 206.72         |
| SW.369 | Mild steel angle framing to receive gratings consisting of 40mm x 40mm x 6mm thick angle with 25mm x 6mm fish-tailed flat bar 75mm long, as holding down lugs welded at 600mm centre and built into concrete surround including forming mortices, grouting good work disturbed and painting with one coat of inhibitive primer.                                                                                                                                                                                              | m    | 8.42           |
| SW.370 | Mild steel angle framing to receive gratings consisting of 50mm x 50mm x 6mm thick angle with 25mm x 6mm fish-tailed flat bar 75mm long, as holding down lugs welded at 600mm centre and built into concrete surround lugs in cement mortar (1:3), making good work disturbed and painting with one coat of inhibitive primer.                                                                                                                                                                                               | m    | 10.63          |
| SW.371 | Galvanised steel angle framing to receive gratings consisting of 40mm x 40mm x 6mm thick galvanised angle with 25mm x 6mm fish-tailed flat bar 75mm long, as holding down lugs welded at 600mm centre and built into concrete surround lugs in cement mortar (1:3), making good work disturbed and painting with one coat of inhibitive primer.                                                                                                                                                                              | m    | 10.12          |
| SW.372 | Hot dipped galvanised steel angle framing to receive gratings consisting of 50mm x 38mm x 6mm thick hot dipped galvanised steel angle with 25mm x 6mm fish-tailed flat bar 75mm long, as holding down lugs welded at 600mm centre and built into concrete surround lugs in cement mortar (1:3), making good work disturbed and painting with one coat of inhibitive primer.                                                                                                                                                  | m    | 12.75          |
| SW.373 | Take out broken perforated cast iron cover (irrespective of size) and remove off site.                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 1.53           |
| SW.374 | 0.7mm crimped pattern multi-coloured aluminium awning comprising of sheeting in narrow widths with ends and side laps and over-hangs, fixed on and including 25mm diameter tubular or 25mm x 25mm square hollow section frame and welded trusses, or on other approved steel framed and welded trusses, to center not exceeding 1.50m distance or as directed, the framing rawl bolted to wall and including 3 coats of paint. (Span of awning not exceeding 2.50m measured perpendicularly from wall) (nett area measured). | sq m | 90.44          |
| SW.375 | 0.7mm crimped pattern multi-coloured aluminium awning comprising of sheeting in narrow widths with ends and side laps and over-hangs, fixed on and including 38mm diameter tubular or 38mm x 38mm square hollow section framed and welded trusses, or on other approved steel framed and welded trusses, to center not exceeding 1.50m distance or as directed, the framing rawl bolted to wall and including 3 coats of paint. (Span of awning exceeding 2.50m measured perpendicularly from wall) (nett area measured).    | sq m | 99.45          |
| SW.376 | 50mm diameter galvanised steel tubular post not exceeding 2m high from ground level, one end minimum 400mm long cast in and including concrete (Grade 20) foundation 300 x 300 x 450mm deep, the other end welded with steel plate and angle holed for and including bolts. (Rate includes excavation, formwork ad cart away debris).                                                                                                                                                                                        | no   | 81.6           |
| SW.377 | 75mm diameter galvanised steel tubular post not exceeding 2m high from ground level, one end minimum 400mm long cast in and including concrete (Grade 20) foundation 300 x 300 x 450mm deep, the other end welded with steel plate and angle holed for and including bolts. (Rate includes excavation, formwork ad cart away debris).                                                                                                                                                                                        | no   | 94.35          |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.378 | 50mm diameter galvanised steel tubular post exceeding 2m high but not exceeding 2.50m high from ground level, one end minimum 400mm long cast in and including concrete (Grade 20A) foundation 300 x 300 x 450mm deep, the other end welded with steel plate and angle holed for and including bolts. (Rate includes excavation, formwork ad cart away debris).                                              | no   | 81.6           |
| SW.379 | 75mm diameter galvanised steel tubular post exceeding 2m high but not exceeding 2.50m high from ground level, one end minimum 400mm long cast in and including concrete (Grade 20A) foundation 300 x 300 x 450mm deep, the other end welded with steel plate and angle holed for and including bolts. (Rate includes excavation, formwork ad cart away debris).                                              | no   | 104.55         |
| SW.380 | 50mm diameter galvanised steel tubular post exceeding 2.5m but not exceeding 3.0m long from ground level one end minimum 600mm cast in and including concrete (Grade 20A) foundation 300 x 300 x 650mm deep, the other end welded with steel plate and angle holed for and including bolts. (Rate includes excavation, formwork ad cart away debris).                                                        | no   | 158.1          |
| SW.381 | 75mm diameter galvanised steel tubular post exceeding 2.5m but not exceeding 3.0m long from ground level one end minimum 600mm cast in and including concrete (Grade 20A) foundation $300 \times 300 \times 650$ mm deep, the other end welded with steel plate and angle holed for and including bolts. (Rate includes excavation, formwork ad cart away debris).                                           | no   | 153            |
| SW.382 | 75mm diameter galvanised steel tubular post not exceeding 3m high from ground level, one end minimum 600mm cast in and including concrete (Grade 20), foundation not exceeding 1.00m deep, other end capped and welded approved pulley thread through with 6mm diameter nylon rope 6m long c/w bracket and 3 coats paint. (Rate includes excavation, formwork and cart away debris).                         | no   | 160.65         |
| SW.383 | 75mm diameter galvanised steel tubular post not exceeding but not exceeding 4.50m high from ground level, one end minimum 600mm cast in and including concrete (Grade 20), one end minimum 600mm cast in and including concrete (Grade 20), and 3 coats paint. (Rate includes excavation, formwork and cart away debris).                                                                                    | no   | 200.86         |
| SW.384 | 75mm diameter galvanised steel tubular post exceeding 4.50m but not exceeding 6.00m high from ground level, one end minimum 600mm cast in and including concrete (Grade 20), foundation not exceeding 1.00m deep, capped on one end and welded approved pulley thread through with 6mm diameter nylon rope 6m long c/w bracket and 3 coats paint. (Rate includes excavation, formwork and cart away debris). | no   | 240.72         |
| SW.385 | Take out and remove off site existing metal, timber, PVC, etc flag pole including grubbing up concrete foundations, and fill voids with earth well rammed or concrete. (Rate exclude turfing or floor finishes).                                                                                                                                                                                             | no   | 15.3           |
| SW.386 | Take out and remove off site existing metal, timber, PVC, etc flag pole including grubbing up concrete foundations, and fill voids with earth well rammed or concrete but resite to any position including providing concrete base, filling in void and make good area disturbed to match existing. (Rate exclude turfing or floor finishes).                                                                | no   | 73.44          |
| SW.387 | Supply and install 5 mm dia mild steel hex bolts, with nuts and washers & shank length 16mm including holes in metal or wood, if necessary.                                                                                                                                                                                                                                                                  | no   | 0.26           |
| SW.388 | Supply and install 5mm dia mild steel hex bolts, with nuts and washers & shank length 20mm including holes in metal or wood, if necessary.                                                                                                                                                                                                                                                                   | no   | 0.26           |
| SW.389 | Supply and install 5 mm dia mild steel hex bolts, with nuts and washers & shank length 25mm including holes in metal or wood, if necessary.                                                                                                                                                                                                                                                                  | no   | 0.26           |

| S/No        | Description                                                                                                                                  | Unit | Unit Cost (\$) |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.390      | Supply and install 5 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.26           |
|             | shank length 30mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.391      | Supply and install 5 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.26           |
| SW.392      | shank length 40mm including holes in metal or wood, if necessary.  Supply and install 5 mm dia mild steel hex bolts, with nuts and washers & | no   | 0.24           |
| 300.392     | shank length 45mm including holes in metal or wood, if necessary.                                                                            | no   | 0.34           |
| SW.393      | Supply and install 5 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.43           |
| 311.555     | shank length 50mm including holes in metal or wood, if necessary.                                                                            |      | 0.43           |
| SW.394      | Supply and install 6 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.26           |
|             | shank length 20mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.395      | Supply and install 6 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.26           |
|             | shank length 25mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.396      | Supply and install 6 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.26           |
|             | shank length 30mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.397      | Supply and install 6 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.26           |
|             | shank length 40mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.398      | Supply and install 6 mm dia mild steel hex bolts, with nuts and washers & shank length 45mm including holes in metal or wood, if necessary.  | no   | 0.34           |
| SW.399      | Supply and install 6 mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.42           |
| 300.599     | shank length 50mm including holes in metal or wood, if necessary.                                                                            | no   | 0.43           |
| SW.400      | Supply and install 10mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.43           |
| 3W.400      | shank length 20mm including holes in metal or wood, if necessary.                                                                            | 110  | 0.43           |
| SW.401      | Supply and install 10mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.43           |
|             | shank length 25mm including holes in metal or wood, if necessary.                                                                            |      | 01.10          |
| SW.402      | Supply and install 10mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.51           |
|             | shank length 30mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.403      | Supply and install 10mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.51           |
|             | shank length 40mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.404      | Supply and install 10 mm dia mild steel hex bolts, with nuts and washers                                                                     | no   | 0.51           |
|             | & shank length 45mm including holes in metal or wood, if necessary.                                                                          |      |                |
| SW.405      | Supply and install 10mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 0.51           |
| SW.406      | shank length 50mm including holes in metal or wood, if necessary.  Supply and install 13mm dia mild steel hex bolts, with nuts and washers & | no   | 1.02           |
| 344.400     | shank length 50 or 55mm including holes in metal or wood, if necessary.                                                                      | no   | 1.02           |
| SW.407      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 1.02           |
|             | shank length 60mm including holes in metal or wood, if necessary.                                                                            |      | 1.02           |
| SW.408      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 1.19           |
|             | shank length 63mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.409      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 1.19           |
|             | shank length 75mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.410      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 1.45           |
|             | shank length 90mm including holes in metal or wood, if necessary.                                                                            |      |                |
| SW.411      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 1.53           |
| C) A / 44.2 | shank length 100mm including holes in metal or wood, if necessary.                                                                           |      | 4.70           |
| SW.412      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers & shank length 115mm including holes in metal or wood, if necessary. | no   | 1.79           |
| SW.413      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   | 1.96           |
| 344.413     | shank length 125mm including holes in metal or wood, if necessary.                                                                           | 110  | 1.50           |
| SW.414      | Supply and install 13mm dia mild steel hex bolts, with nuts and washers &                                                                    | no   |                |
|             | shank length over 125 & n.e. 250mm including holes in metal or wood, if                                                                      |      | 3.23           |
|             | necessary.                                                                                                                                   |      |                |
|             |                                                                                                                                              |      |                |

| S/No   | Description                                                                                                                                                                      | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.415 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 50 or 55mm including holes in metal or wood, if necessary.                                | no   | 1.19           |
| SW.416 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 60mm including holes in metal or wood, if necessary.                                      | no   | 1.19           |
| SW.417 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 63mm including holes in metal or wood, if necessary.                                      | no   | 1.19           |
| SW.418 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 75mm including holes in metal or wood, if necessary.                                      | no   | 1.45           |
| SW.419 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 90mm including holes in metal or wood, if necessary.                                      | no   | 1.53           |
| SW.420 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 100mm including holes in metal or wood, if necessary.                                     | no   | 1.79           |
| SW.421 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 115mm including holes in metal or wood, if necessary.                                     | no   | 1.96           |
| SW.422 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length 125mm including holes in metal or wood, if necessary.                                     | no   | 1.96           |
| SW.423 | Supply and install 16mm dia mild steel hex bolts, with nuts and washers & shank length over 125 & n.e. 250mm including holes in metal or wood, if necessary.                     | no   | 4.34           |
| SW.424 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 60mm including holes in metal or wood, if necessary.                                      | no   | 1.45           |
| SW.425 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 63mm including holes in metal or wood, if necessary.                                      | no   | 1.45           |
| SW.426 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 75mm including holes in metal or wood, if necessary.                                      | no   | 1.45           |
| SW.427 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 90mm including holes in metal or wood, if necessary.                                      | no   | 1.53           |
| SW.428 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 100mm including holes in metal or wood, if necessary.                                     | no   | 1.79           |
| SW.429 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 115mm including holes in metal or wood, if necessary.                                     | no   | 1.96           |
| SW.430 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length 125mm including holes in metal or wood, if necessary.                                     | no   | 2.3            |
| SW.431 | Supply and install 19mm dia mild steel hex bolts, with nuts and washers & shank length over 125 & n.e. 250mm including holes in metal or wood, if necessary.                     | no   | 5.36           |
| SW.432 | Add to any of the above items (FF0345A to FF0350I) if including taking out and making good work disturbed.                                                                       | no   | 0.26           |
| SW.433 | Hot dipped galvanised bolts of diameter 16mm with nuts and washers & shank length 45mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 2.72           |
| SW.434 | Hot dipped galvanised bolts of diameter 16mm with nuts and washers & shank length 50mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 2.81           |
| SW.435 | Hot dipped galvanised bolts of diameter 16mm with nuts and washers & shank length 63mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 2.81           |
| SW.436 | Hot dipped galvanised bolts of diameter 19mm with nuts and washers & shank length 50mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 3.74           |

| S/No   | Description                                                                                                                                                                      | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.437 | Hot dipped galvanised bolts of diameter 19mm with nuts and washers & shank length 58mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 3.83           |
| SW.438 | Hot dipped galvanised bolts of diameter 19mm with nuts and washers & shank length 63mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 4.08           |
| SW.439 | Hot dipped galvanised bolts of diameter 19mm with nuts and washers & shank length 75mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 4.34           |
| SW.440 | Hot dipped galvanised bolts of diameter 22mm with nuts and washers & shank length 50mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 5.27           |
| SW.441 | Hot dipped galvanised bolts of diameter 22mm with nuts and washers & shank length 58mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 5.27           |
| SW.442 | Hot dipped galvanised bolts of diameter 22mm with nuts and washers & shank length 63mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 5.36           |
| SW.443 | Hot dipped galvanised bolts of diameter 22mm with nuts and washers & shank length 75mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 5.87           |
| SW.444 | Hot dipped galvanised bolts of diameter 25mm with nuts and washers & shank length 75mm or other equal and approved type including drilling holes in metal or wood, if necessary. | no   | 7.4            |
| SW.445 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 16mm including holes in metal or wood, if necessary.                          | no   | 0.51           |
| SW.446 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 20mm including holes in metal or wood, if necessary.                          | no   | 0.51           |
| SW.447 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 25mm including holes in metal or wood, if necessary.                          | no   | 0.51           |
| SW.448 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 30mm including holes in metal or wood, if necessary.                          | no   | 0.51           |
| SW.449 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 40mm including holes in metal or wood, if necessary.                          | no   | 0.6            |
| SW.450 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 45mm including holes in metal or wood, if necessary.                          | no   | 0.6            |
| SW.451 | Supply and install stainless steel hex bolts of diameter 5mm, with nuts and washers & shank length 50mm including holes in metal or wood, if necessary.                          | no   | 0.68           |
| SW.452 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 16mm including holes in metal or wood, if necessary.                          | no   | 0.51           |
| SW.453 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 20mm including holes in metal or wood, if necessary.                          | no   | 0.51           |

| S/No   | Description                                                                                                                                                          | Unit | Unit Cost (\$) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.454 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 25mm including holes in metal or wood, if necessary.              | no   | 0.6            |
| SW.455 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 30mm including holes in metal or wood, if necessary.              | no   | 0.6            |
| SW.456 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 40mm including holes in metal or wood, if necessary.              | no   | 0.6            |
| SW.457 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 45mm including holes in metal or wood, if necessary.              | no   | 0.68           |
| SW.458 | Supply and install stainless steel hex bolts of diameter 6mm, with nuts and washers & shank length 50mm including holes in metal or wood, if necessary.              | no   | 0.68           |
| SW.459 | Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 16mm including holes in metal or wood, if necessary.             | no   | 0.85           |
| SW.460 | Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 20mm including holes in metal or wood, if                        | no   | 0.85           |
| SW.461 | necessary. Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 25mm including holes in metal or wood, if             | no   | 0.85           |
| SW.462 | necessary.  Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 30mm including holes in metal or wood, if            | no   | 0.94           |
| SW.463 | necessary. Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 40mm including holes in metal or wood, if             | no   | 0.94           |
| SW.464 | necessary.  Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 45mm including holes in metal or wood, if            | no   | 1.02           |
| SW.465 | necessary. Supply and install stainless steel hex bolts of diameter 10mm, with nuts and washers & shank length 50mm including holes in metal or wood, if             | no   | 1.11           |
| SW.466 | necessary. Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 16mm including holes in metal or wood, if             | no   | 1.45           |
| SW.467 | necessary. Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 20mm including holes in metal or wood, if             | no   | 1.45           |
| SW.468 | necessary. Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 25mm including holes in metal or wood, if             | no   | 1.45           |
| SW.469 | necessary. Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 30mm including holes in metal or wood, if             | no   | 1.53           |
| SW.470 | necessary. Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 40mm including holes in metal or wood, if             | no   | 1.53           |
| SW.471 | necessary.  Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 45mm including holes in metal or wood, if necessary. | no   | 1.62           |

| S/No   | Description                                                                                                                                                                                                                        | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.472 | Supply and install stainless steel hex bolts of diameter 12mm, with nuts and washers & shank length 50mm including holes in metal or wood, if necessary.                                                                           | no   | 1.62           |
| SW.473 | 5 mm dia raw bolt loose type or other equal and approved retraction bolt of length 50mm with nut and washer & shield length with nut 36mm including drilling holes in concrete, brickwork, metal or wood as required.              | no   | 2.55           |
| SW.474 | 6 mm dia raw bolt loose type or other equal and approved retraction bolt of length 65mm with nut and washer & shield length with nut 46mm including drilling holes in concrete, brickwork, metal or wood as required.              | no   | 2.89           |
| SW.475 | 6 mm dia raw bolt loose type or other equal and approved retraction bolt of length 75mm with nut and washer & shield length with nut 46mm including drilling holes in concrete, brickwork, metal or wood as required.              | no   | 2.64           |
| SW.476 | 6 mm dia raw bolt loose type or other equal and approved retraction bolt of length 115mm with nut and washer & shield length with nut 46mm including drilling holes in concrete, brickwork, metal or wood as required.             | no   | 3.49           |
| SW.477 | 8 mm dia raw bolt loose type or other equal and approved retraction bolt of length 75mm with nut and washer & shield length with nut 52mm including drilling holes in concrete, brickwork, metal or wood as required.              | no   | 2.98           |
| SW.478 | 8 mm dia raw bolt loose type or other equal and approved retraction bolt of length 100mm with nut and washer & shield length with nut 52mm including drilling holes in concrete, brickwork, metal or wood as required.             | no   | 3.57           |
| SW.479 | 10 mm dia raw bolt loose type or other equal and approved retraction bolt of length 85mm with nut and washer & shield length with nut 62mm including drilling holes in concrete, brickwork, metal or wood as required.             | no   | 3.15           |
| SW.480 | 10 mm dia raw bolt loose type or other equal and approved retraction bolt of length 110mm with nut and washer & shield length with nut 62mm including drilling holes in concrete, brickwork, metal or wood as                      | no   | 3.74           |
| SW.481 | required.  10 mm dia raw bolt loose type or other equal and approved retraction bolt of length 130mm with nut and washer & shield length with nut 62mm including drilling holes in concrete, brickwork, metal or wood as           | no   | 4              |
| SW.482 | required.  10 mm dia raw bolt loose type or other equal and approved retraction bolt of length 110mm with nut and washer & shield length with nut 78mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 4              |
| SW.483 | 10 mm dia raw bolt loose type or other equal and approved retraction bolt of length 130mm with nut and washer & shield length with nut 78mm including drilling holes in concrete, brickwork, metal or wood as required.            | no   | 4.08           |
| SW.484 | 12 mm dia raw bolt loose type or other equal and approved retraction bolt of length 95mm with nut and washer & shield length with nut 72mm including drilling holes in concrete, brickwork, metal or wood as required.             | no   | 4.76           |
| SW.485 | 12 mm dia raw bolt loose type or other equal and approved retraction bolt of length 120mm with nut and washer & shield length with nut 72mm including drilling holes in concrete, brickwork, metal or wood as required.            | no   | 5.1            |
| SW.486 | 12 mm dia raw bolt loose type or other equal and approved retraction bolt of length 120mm with nut and washer & shield length with nut 96mm including drilling holes in concrete, brickwork, metal or wood as required.            | no   | 5.95           |

| S/No   | Description                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.487 | 12 mm dia raw bolt loose type or other equal and approved retraction bolt of length 185mm with nut and washer & shield length with nut 96mm including drilling holes in concrete, brickwork, metal or wood as required.  | no   | 6.46           |
| SW.488 | 16 mm dia raw bolt loose type or other equal and approved retraction bolt of length 130mm with nut and washer & shield length with nut 110mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 8.08           |
| SW.489 | 16 mm dia raw bolt loose type or other equal and approved retraction bolt of length 140mm with nut and washer & shield length with nut 110mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 8.16           |
| SW.490 | 16 mm dia raw bolt loose type or other equal and approved retraction bolt of length 160mm with nut and washer & shield length with nut 110mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 8.5            |
| SW.491 | 16 mm dia raw bolt loose type or other equal and approved retraction bolt of length 210mm with nut and washer & shield length with nut 110mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 10.03          |
| SW.492 | 16 mm dia raw bolt loose type or other equal and approved retraction bolt of length 210mm with nut and washer & shield length with nut 158mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 11.31          |
| SW.493 | 20 mm dia raw bolt loose type or other equal and approved retraction bolt of length 165mm with nut and washer & shield length with nut 130mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 11.31          |
| SW.494 | 20 mm dia raw bolt loose type or other equal and approved retraction bolt of length 185mm with nut and washer & shield length with nut 130mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 11.31          |
| SW.495 | 25 mm dia raw bolt loose type or other equal and approved retraction bolt of length 260mm with nut and washer & shield length with nut 180mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 19.72          |
| SW.496 | 25 mm dia raw bolt loose type or other equal and approved retraction bolt of length 310mm with nut and washer & shield length with nut 180mm including drilling holes in concrete, brickwork, metal or wood as required. | no   | 21.76          |
| SW.497 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to concrete w/ 3.7 mm dia shank of length 10mm to 27mm.                                                                                | no   | 0.43           |
| SW.498 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to concrete w/ 3.7 mm dia shank of length 32mm to 47mm.                                                                                | no   | 0.43           |
| SW.499 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to concrete w/ 3.7mm dia shank of length 52mm to 72mm.                                                                                 | no   | 0.6            |
| SW.500 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to concrete w/ 3.7 mm dia shank of length 82mm to 117mm.                                                                               | no   | 0.85           |
| SW.501 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to structural steel w/ 3.7 mm dia shank of length 14mm to 19mm.                                                                        | no   | 0.43           |
| SW.502 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to structural steel w/ 3.7 mm dia shank of length 22mm to 37mm.                                                                        | no   | 0.43           |

| S/No   | Description                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.503 | HILTI' drive pins or other equal and approved type to fix timber, sheet metal etc to structural steel w/ 3.7 mm dia shank of length 42mm to 62mm.                                                                                                                                           | no   | 0.6            |
| SW.504 | 5mm diameter hole 'HILTI' LB punched steel band or other equal and approved type to hang or secure pipes, ducts, etc.                                                                                                                                                                       | no   | 2.13           |
| SW.505 | 7mm diameter hole 'HILTI' LB punched steel band or other equal and approved type to hang or secure pipes, ducts, etc.                                                                                                                                                                       | no   | 2.98           |
| SW.506 | 8mm diameter hole 'HILTI' LB punched steel band or other equal and approved type to hang or secure pipes, ducts, etc.                                                                                                                                                                       | no   | 3.49           |
| SW.507 | 50mm x 50mm x 6mm thick mild steel angle arris protective guard 1.00m high, set flush to brick or concrete surface with 2 Nos. of 25mm x 3mm x 225mm long fixing lugs grouted into mortices with cement mortar (1:3).                                                                       | no   | 8.16           |
| SW.508 | Supply and fix 150mm diameter mild steel tubular bollard 1.20m from ground level including embedding 300mm in concrete foundation including painting with one coat of inhibitive primer and two coats of aluminium/synethic enamel paint (concrete foundation measured separately).         | no   | 51             |
| SW.509 | Standard design basketball stand c/w timber board, metal ring to receive basketball net, three coats of enamel paint, concrete (Grade 20) foundation, including all necessary excavation, formwork, removing debris off site breaking existing concrete surface, etc (Rate per set 2 Nos.). | set  | 2040           |
| SW.510 | Supply & deliver 3.18mm (1/8 inch) link dia galv chain link.                                                                                                                                                                                                                                | m    | 1.53           |
| SW.511 | Supply & deliver 3.97mm (5/32 inch) link dia galv chain link.                                                                                                                                                                                                                               | m    | 1.62           |
| SW.512 | Supply & deliver 4.76mm (3/16 inch) link dia galv chain link.                                                                                                                                                                                                                               | m    | 1.62           |
| SW.513 | Supply & deliver 6.35mm (1/4 inch) link dia galv chain link.                                                                                                                                                                                                                                | m    | 2.38           |
| SW.514 | Supply & deliver 7.94mm (5/16 inch) link dia galv chain link.                                                                                                                                                                                                                               | m    | 3.91           |
| SW.515 | Supply & deliver 9.53mm (3/8 inch) link dia galv chain link.                                                                                                                                                                                                                                | m    | 5.61           |
| SW.516 | Supply and deliver 3.18 mm (1/8 inch) link dia stainless steel chain link                                                                                                                                                                                                                   | m    | 5.27           |
| SW.517 | Supply and deliver 3.97mm (5/32 inch) link dia stainless steel chain link                                                                                                                                                                                                                   | m    | 7.31           |
| SW.518 | Supply and deliver 4.76mm (3/16 inch) link dia stainless steel chain link                                                                                                                                                                                                                   | m    | 8.59           |
| SW.519 | Supply and deliver 6.35mm (1/4 inch) link dia stainless steel chain link                                                                                                                                                                                                                    | m    | 9.95           |
| SW.520 | Supply and deliver 7.94mm (5/16 inch) link dia stainless steel chain link                                                                                                                                                                                                                   | m    | 13.26          |
| SW.521 | Supply and deliver 9.53mm (3/8 inch) link dia stainless steel chain link.                                                                                                                                                                                                                   | m    | 17.26          |
| SW.522 | Supply labour and material for cutting or welding locks, hinges, bolt, etc in replacement (Ironmongery and cutting or welding apparatus measured separately).                                                                                                                               | no   | 5.61           |
| SW.523 | Remove existing strong room steel security door (not more than 300kg) complete, transport and deliver to store or remove off site, including breaking up walls, remove debris off site and making good work disturbed.                                                                      | no   | 1224           |

| S/No   | Description                                                                                                                                                                                                | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.524 | Labour and material for cutting openings (any size) in weldmesh (any mesh and gauge) and including filling out ends smooth. (Cutting apparatus measured separately).                                       | no   | 3.66           |
| SW.525 | Mild steel dowels not exceeding 12mm diameter x 150mm long fixed to foot of wood frames.                                                                                                                   | no   | 0.68           |
| SW.526 | 40mm x 3mm mild steel cramps 225mm girth once bent, one end split and fixed in brickwork and other end screwed to wood frame.                                                                              | no   | 0.85           |
| SW.527 | Mild steel straps (to fasten foot of wooden posts etc) not exceeding 50mm x 6mm x 600mm long holed for and including 2 numbers of steel bolts with nuts and washers including casting one end in concrete. | no   | 9.01           |
| SW.528 | 6mm thick mild steel shoe of purpose-made design (any size) for holding                                                                                                                                    | no   | 13.26          |
| SW.529 | timber purlins, rafters, joints, etc. Aluminium rivets to linings (Any size).                                                                                                                              | no   | 0.17           |
| SW.530 | Mild steel rag bolts (irrespective of size and lengths) with nuts and washers including temporary boxing to form holes, building in and grouting.                                                          | kg   | 6.12           |
| SW.531 | Labour for removing mild steel brackets, plugs, from wall and make good work disturbed.                                                                                                                    | no   | 3.06           |
| SW.532 | Supply labour and all necessary equipment for argon welding to stainless steel ware.                                                                                                                       | m    | 38.76          |
| SW.533 | Supply and install 5mm dia galvanised eye or hook c/w extension bolt.                                                                                                                                      | no   | 2.04           |
| SW.534 | Supply and install 6mm dia galvanised eye or hook c/w extension bolt.                                                                                                                                      | no   | 2.64           |
| SW.535 | Supply and install 8mm dia galvanised eye or hook c/w extension bolt                                                                                                                                       | no   | 3.15           |
| SW.536 | Supply and install 10mm dia galvanised eye or hook c/w extension bolt.                                                                                                                                     | no   | 4.59           |
| SW.537 | Supply and install 5mm dia stainless steel eye or hook c/w extension bolt                                                                                                                                  | no   | 4.08           |
| SW.538 | Supply and install 6mm dia stainless steel eye or hook c/w extension bolt.                                                                                                                                 | no   | 5.27           |
| SW.539 | Supply and install 8mm dia stainless steel eye or hook c/w extension bolt                                                                                                                                  | no   | 6.29           |
| SW.540 | Supply and install 10mm dia stainless steel eye or hook c/w extension bolt.                                                                                                                                | no   | 9.18           |
| SW.541 | Supply and install 3mm dia stainless steel Dee shackle.                                                                                                                                                    | no   | 2.64           |
| SW.542 | Supply and install 4mm dia stainless steel Dee shackle.                                                                                                                                                    | no   | 2.72           |
| SW.543 | Supply and install 5mm dia stainless steel Dee shackle.                                                                                                                                                    | no   | 2.89           |
| SW.544 | Supply and install 6mm dia stainless steel Dee shackle                                                                                                                                                     | no   | 3.49           |
| SW.545 | Supply and install 8mm dia stainless steel Dee shackle                                                                                                                                                     | no   | 3.91           |
| SW.546 | Supply and install 10mm dia stainless steel Dee shackle.                                                                                                                                                   | no   | 4.59           |
| SW.547 | To remove any type and size of eye or hook, shackle, turnbuckle including make good affected surfaces to match the existing.                                                                               | no   | 2.55           |

| S/No   | Description                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.548 | Supply and install 5mm dia stainless steel turnbuckle                                                                                                                                                                                                                                          | no   | 7.65           |
| SW.549 | Supply and install 6mm dia stainless steel turnbuckle                                                                                                                                                                                                                                          | no   | 8.67           |
| SW.550 | Supply and install 8mm dia stainless steel turnbuckle                                                                                                                                                                                                                                          | no   | 12.75          |
| SW.551 | Supply and install 10mm dia stainless steel turnbuckle.                                                                                                                                                                                                                                        | no   | 14.28          |
| SW.552 | Mild steel railing consisting of tubular or square hollow section set in and including concrete foundation, painting with one coat of red lead primer, one undercoat and two finishing coats of enamel paint, excavation for concrete foundation and disposal of excavated material from site. | m    | 36.38          |
| SW.553 | Mild steel railing consisting of tubular or square hollow section set in and including concrete foundation, painting with one coat of red lead primer, one undercoat and two finishing coats of enamel paint, excavation for concrete foundation and disposal of excavated material from site  | m    | 42.5           |
| SW.554 | Supply and fix 20mm diameter stainless steel pipe railing, intermediate rail or baluster to AISI 304 x 1.5mm thick with polished finished including welding, bend, ramp, knee and end cap.                                                                                                     | m    | 20.83          |
| SW.555 | Supply and fix 25mm diameter stainless steel pipe railing, intermediate rail or baluster to AISI 304 x 1.5mm thick with polished finished including welding, bend, ramp, knee and end cap.                                                                                                     | m    | 28.05          |
| SW.556 | Supply and fix 32mm diameter stainless steel pipe railing, intermediate rail or baluster to AISI 304 x 1.5mm thick with polished finished including welding, bend, ramp, knee and end cap.                                                                                                     | m    | 38.17          |
| SW.557 | Supply and fix 38mm diameter stainless steel pipe railing, intermediate rail or baluster to AISI 304 x 1.5mm thick with polished finished including welding, bend, ramp, knee and end cap.                                                                                                     | m    | 43.78          |
| SW.558 | Supply and fix 50 mm diameter stainless steel pipe railing, intermediate rail or baluster to AISI 304 x 1.5mm thick with polished finished including welding, bend, ramp, knee and end cap,                                                                                                    | m    | 54.49          |
| SW.559 | Supply and fix 65mm diameter stainless steel pipe railing, intermediate rail or baluster to AISI 304 x 1.5mm thick with polished finished including welding, bend, ramp, knee and end cap.                                                                                                     | m    | 75.48          |
| SW.560 | Dismantle and cart away existing railing                                                                                                                                                                                                                                                       | m    | 16.32          |
| SW.561 | Supply and install 1000mm high stainless steel railing, constructed with 50 x 9mm thick flat bar baluster, 15mm dia soild rod and 50mm dia x 1.5mm thick circular hollow section c/w concrete footing.                                                                                         | m    | 331.5          |
| SW.562 | Stainless steel round-shaped floor flange not exceeding 38mm diameter & complete with stainless steel pipe sleeve built into concrete floor for balusters.                                                                                                                                     | no   | 28.05          |
| SW.563 | Stainless steel round-shaped floor flange exceeding 38mm diameter but not exceeding 65mm diameter & complete with stainless steel pipe sleeve built into concrete floor for balusters.                                                                                                         | no   | 33.66          |
| SW.564 | Supply and install aluminium 'Vee' plate, 100mm width to new or existing expansion join. (Rate inclusive of hacking out finishes to expose bare concrete surfaces install as accordance to Superintending Officer's instruction and make good. (Appendix 40).                                  | m    | 66.3           |

| S/No   | Description                                                                                                                                                                                                                                                                                                                                           | Unit        | Unit Cost (\$) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
| SW.565 | Supply and install aluminium 'Vee' plate, 200mm width to new or existing expansion join. (Rate inclusive of hacking out finishes to expose bare concrete surfaces install as accordance to Superintending Officer's instruction and make good. (Appendix 41).                                                                                         | m           | 96.9           |
| SW.566 | Supply and install aluminium 'Vee' plate, 300mm width to new or existing expansion join. (Rate inclusive of hacking out finishes to expose bare concrete surfaces install as accordance to Superintending Officer's instruction and make good. (Appendix 41).                                                                                         | m           | 127.5          |
| SW.567 | Take down existing clothes lines frames (any type and size) including any wire remove off site and make good work disturbed (Rate per post).                                                                                                                                                                                                          | no          | 5.1            |
| SW.568 | Repair existing clothes-lines frame (any type and size) including raking out, replacing and welding of parts, refixing clothes line (if any) brushing down and 3 coats paint and making good work disturbed as necessary. (Galvanised wire lines measured separately). (Rate per post).                                                               | no          | 24.65          |
| SW.569 | 50mm diameter galvanised steel pipe clothes lines frames with post 2.30m long and cross frame 1.60m wide all properly connected or welded together c/w wire strainer, end of post cast in and including concrete (Grade 20) footing 750mm deep, formwork, excavation, removing surplus excavated material off site and 2 coats paint (Rate per post). | no          | 71.32          |
| SW.570 | 50mm diameter galvanised steel pipe clothes lines frames with one strut, 2.10m long, one end connected or welded to post and other end cast in and including concrete (Grade 20) footing 750mm deep, formwork, excavation, removing surplus excavated material off site and 2 coats paint (Rate per post).                                            | no          | 110.67         |
| SW.571 | 50mm diameter galvanised steel pipe clothes lines frames with two struts, each 2.30m long, one end connected to welded to arm and other end cast in and including concrete (Grade 20) footing 750mm deep, formwork, excavation, removing surplus excavated material off site and 2 coats paint (Rate per post).                                       | no          | 147.9          |
| SW.572 | No: 8 galvanised wire for clothes lines (length measured between distance of clothes lines frames).                                                                                                                                                                                                                                                   | m           | 1.02           |
| SW.573 | PVC coated 6 SWG galvanised wire for clothes lines.                                                                                                                                                                                                                                                                                                   | m           | 0.94           |
| SW.574 | Supply and install 6 mm stainless steel wire with PVC coating excluding turnbuckle.                                                                                                                                                                                                                                                                   | m           | 3.57           |
| SW.575 | Supply labour to install clothline                                                                                                                                                                                                                                                                                                                    | no          | 2.55           |
| SW.576 | Supply all plant, labour and material to raise existing aluminium railings to required height and level, including all necessary replacement and extension member.                                                                                                                                                                                    | m           | 27.54          |
| SW.577 | Supply all plant, labour and material to re-align existing aluminium railings to required height and level including breaking up and reconstruction of concrete foundation.                                                                                                                                                                           | m           | 65.71          |
| SW.578 | Fabricate & install stainless steel box (8" X 8") complete with lock and keys.                                                                                                                                                                                                                                                                        | no          | 153            |
| SW.579 | Charges per service call for maintenance & repair of Gliderol shutter door                                                                                                                                                                                                                                                                            | per<br>call | 56.1           |
| SW.580 | Mounting bracket plate, 8mm thk steel punched as required                                                                                                                                                                                                                                                                                             | per<br>side | 170            |
| SW.581 | Roller Bearing (for 38mm dia shaft)                                                                                                                                                                                                                                                                                                                   | no          | 178.5          |

| S/No   | Description                                                              | Unit | Unit Cost (\$) |
|--------|--------------------------------------------------------------------------|------|----------------|
| SW.582 | Roller Bearing (for 50mm dia shaft)                                      | no   | 178.5          |
| SW.583 | Hood,0.9mm thk galvanised sheets bent to suit                            | m    | 61.2           |
| SW.584 | ditto-but in powder coated finish                                        | m    | 74.8           |
| SW.585 | ditto-but in fluorocarbon finish                                         | m    | 87.55          |
| SW.586 | Drum assembly non-counterbalanced model-250 dia steel pipe barrel        | m    | 148.75         |
| SW.587 | Drive assembly incl shaft for ditto                                      | set  | 170            |
| SW.588 | Drum assembly non-counterbalanced model-200 dia steel pipe barrel        | m    | 104.55         |
| SW.589 | Drive assembly incl shaft for ditto                                      | set  | 136.85         |
| SW.590 | Drum assembly non-counterbalanced model-150 dia steel pipe barrel        | m    | 76.5           |
| SW.591 | Drive assembly incl shaft for ditto                                      | set  | 129.2          |
| SW.592 | Barrel assy,c/w counterbalance springs for counterbalanced model         | m    | 256.7          |
| SW.593 | Capstan (tensioning) wheel for counterbalanced model                     | no   | 165.75         |
| SW.594 | Curtain assembly -100 x 1.0 thk galvanised Steel Slats                   | m    | 18.28          |
| SW.595 | ditto but in powder coated finish                                        | m    | 19.98          |
| SW.596 | ditto but in fluorocabon finish finish                                   | m    | 22.1           |
| SW.597 | Curtain assembly -100 x 1.2 thk galvanised Steel Slats                   | m    | 18.19          |
| SW.598 | ditto but in powder coated finish                                        | m    | 20.4           |
| SW.599 | ditto but in fluorocabon finish finish                                   | m    | 22.95          |
| SW.600 | Galvanised Iron end clips                                                | no   | 14.03          |
| SW.601 | Double angle iron bottom rails, primed painted                           | m    | 25.08          |
| SW.602 | ditto but in powder coated finish                                        | m    | 29.75          |
| SW.603 | ditto but in fluorocabon finish finish                                   | m    | 34             |
| SW.604 | Triple angle-iron door Guides                                            | m    | 68             |
| SW.605 | ditto but in powder coated finish                                        | m    | 81.6           |
| SW.606 | ditto but in fluorocabon finish finish                                   | m    | 96.05          |
| SW.607 | Operating Accessories- Motor Drive unit,up to 0.75 hp capacity single Ph | no   | 1092.25        |

| S/No   | Description                                                                                                                                                                                                                                       | Unit        | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
| SW.608 | Motor Drive unit,1.0 hp capacity -3 phase                                                                                                                                                                                                         | no          | 1785           |
| SW.609 | Motor Drive unit,2.0 hp capacity -3 phase                                                                                                                                                                                                         | no          | 3213           |
| SW.610 | Control PCB Card                                                                                                                                                                                                                                  | no          | 137.7          |
| SW.611 | Lockable Push-button set with SS cover                                                                                                                                                                                                            | set         | 99.45          |
| SW.612 | Motor Drive Unit c/w descent governor -up to 1.0hp side mounted 3 Ph                                                                                                                                                                              | no          | 2507.5         |
| SW.613 | Motor Drive Unit c/w descent governor -up to 1.5hp side mounted 3 Ph                                                                                                                                                                              | no          | 2847.5         |
| SW.614 | Motor Drive Unit c/w descent governor -up to 2.0hp side mounted 3 Ph                                                                                                                                                                              | no          | 4207.5         |
| SW.615 | Control Box c/w push button                                                                                                                                                                                                                       | no          | 323            |
| SW.616 | Indivdual Push Buttons only                                                                                                                                                                                                                       | no          | 34             |
| SW.617 | Rear Mounted Chain Hoist for Manual Chain Hoist operator                                                                                                                                                                                          | no          | 386.75         |
| SW.618 | Side Mounted Chain Hoist for Manual Chain Hoist operator                                                                                                                                                                                          | no          | 790.5          |
| SW.619 | Motor Drive Sprocket                                                                                                                                                                                                                              | no          | 85             |
| SW.620 | Door Drive Sprocket 47 teeth                                                                                                                                                                                                                      | no          | 123.25         |
| SW.621 | Door Drive Sprocket 57 teeth                                                                                                                                                                                                                      | no          | 144.5          |
| SW.622 | Limit Switches for roller shutter                                                                                                                                                                                                                 | set         | 83.3           |
| SW.623 | Drive Chain for roller shutter                                                                                                                                                                                                                    | pce         | 42.5           |
| SW.624 | Manual Hand Chain for roller shutter                                                                                                                                                                                                              | m           | 6.38           |
| SW.625 | Automatic (solenoid) Release Mechanism for Roller Shutter                                                                                                                                                                                         | no          | 327.25         |
| SW.626 | Fusible Link for roller shutter                                                                                                                                                                                                                   | no          | 29.75          |
| SW.627 | To fabricate, supply and install 1000mm high Stainless Steel Railing with 38mm Dia x 1.5mm thick                                                                                                                                                  | m           | 289            |
| SW.628 | Ditto for handicap ramp                                                                                                                                                                                                                           | m           | 289            |
| SW.629 | To fabricate, supply and install 1000mm high Stainless Steel Railing with                                                                                                                                                                         | m           | 102            |
| SW.630 | 50.8mm Dia x 1.5mm thick To fabricate, supply and install 900mm high x 38mm Dia. Stainless Steel Railing for Handicap ram                                                                                                                         | m           | 80.75          |
| SW.631 | Supply and install chromed finished clothes hanger complete with 5 or more hooks in a row)                                                                                                                                                        | no          | 5.1            |
| SW.632 | Supply all labour, transport, tools, equipment and materials to remove and disposed off-site the existing adjustable aluminium louvred window including making good affected area to receive new installation (Area size 3700mm (L) x 1320mm (H)) | per<br>room | 42.5           |

BW-179

| S/No    | Description                                                                                                                                | Unit | Unit Cost (\$) |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| SW.633  | Supply and install anodized extruded aluminium framed side hung                                                                            | per  |                |
|         | casement window with top/bottom flush latch c/w 1.5mm thick                                                                                | room | 722.5          |
|         | aluminium grill & 6mm thk tinted float glass and ironmongery & all                                                                         |      |                |
|         | necessary fixing and jointing materials & accessories (Casement window area size 1200mm (L) x 1320mm X 2 nos)                              |      |                |
| SW.634  | Supply all labour, transport, tools, equipment and materials to install                                                                    | per  |                |
|         | anodized extruded aluminium framed adjustable louvred vents c/w grill &                                                                    | room |                |
|         | aluminium U clips/holders and adjustable lever (separate into minimum 3                                                                    |      | 85             |
|         | sections of its height), 6mm thk tinted float glass and ironmongery and all                                                                |      |                |
|         | necessary fixing and jointing materials and accessories (Area size 600mm                                                                   |      |                |
| SW.635  | (L) x 1320mm x 2nos)                                                                                                                       | no   | 204.75         |
| 300.033 | Supply and install stainless steel frame structure for laundry drying for size average size 2300mm (L)x 800mm (H) x 600mm (D)              | no   | 284.75         |
| SW.636  | Supply and install 2mm thk approved coloured anodized powder coated                                                                        | no   | 901            |
|         | aluminium sheet for average size 2300mm (L)x 800mm (H) x 600mm (D)                                                                         |      |                |
| SW.637  | Supply and install 3 nos of stainless steel laundry lines at each laundry                                                                  | no   | 102            |
|         | drying area                                                                                                                                |      |                |
| SW.638  | Supply, fabrication and install telephone bracket treated with anti rust                                                                   | no   | 72.25          |
|         | powder coated finish and padlock                                                                                                           |      |                |
| SW.639  | Supply and install 3mm thick perforated aluminium panel with powder                                                                        | sq m |                |
|         | coating (any colour), hole size square/circle 8mm, opening (%) = 28.86, pitch: 16mm x 60 degree, the panels should be supported with 3mm x |      | 255            |
|         | 50mm x 50mm aluminium hollow section with powder coating                                                                                   |      |                |
|         | and 1200mm intervel centre to center                                                                                                       |      |                |

# 7. PAINTWORK

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.1  | Scape down and brush with stiff wire brush to remove all vegetable growth and contaminants, wash down with water and chlorox, allow to dry and make good damaged surfaces                                                                                                                                                                                                                                                    | sq m | 1.7            |
| P.2  | Burn off existing oil paint on concrete, brick, hollow block surfaces, or plastered surface, and make good damaged surfaces to receive new painting on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                       | sq m | 3.4            |
| P.3  | Prepare surfaces as specified, wash down with water and chlorox or other approved detergent to remove all vegetable growth, loose paintwork and other surface contaminants, allow to receive new painting on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall). | sq m | 1.7            |
| P.4  | Prepare surfaces as specified only to receive new painting (ie. exclude washing down) on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                     | sq m | 0.68           |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.5  | Prepare surfaces as specified, using high pressure water cleaner or other mechanical means to remove all existing paintwork to bare plaster and wash down all vegetable growths and other surface contaminants, allow to dry and make good damaged surfaces to receive new painting on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall). | sq m | 3.4            |
| P.6  | Mechanically grind down to remove all existing paintwork to bare plaster, wash down, allow to dry and prepare surfaces as specified to receive new painting on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                         | sq m | 3.83           |
| P.7  | Prepare and apply two (2) coats of anti-fungus solution on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                             | sq m | 2.98           |
| P.8  | Prepare and apply two (2) coats of approved water repellent solution on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                | sq m | 3.23           |
| P.9  | Prepare and apply one (1) coat of weathershield acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                              | sq m | 1.7            |
| P.10 | Prepare and apply one (1) base coat of cement paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                                 | sq m | 1.36           |
| P.11 | Prepare and apply one (1) base coat 20% dilution of pure acrylic emulsion paint used for both interior and exterior decoration on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                      | sq m | 1.36           |
| P.12 | Prepare and apply one (1) undercoat of enamel paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                                 | sq m | 2.13           |
| P.13 | Prepare and apply one (1) finishing coat of enamel paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                            | sq m | 2.38           |
| P.14 | Prepare and apply two (2) finishing coat of enamel paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                            | sq m | 3.83           |
| P.15 | Prepare and apply one (1) base coat of solvent base paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                           | sq m | 2.13           |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.16 | Prepare and apply one (1) base coat of high performance acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                      | sq m | 2.13           |
| P.17 | Prepare and apply one (1) coat of oil base wall sealer on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                              | sq m | 2.13           |
| P.18 | Prepare and apply one (1) coat of water base wall sealer on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                            | sq m | 1.28           |
| P.19 | Prepare and apply one (1) base coat of solvent borne acrylic sealer on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                 | sq m | 3.32           |
| P.20 | Prepare and apply one (1) base coat decorative coating on smooth surface on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                            | sq m | 2.55           |
| P.21 | Prepare and apply one (1) base coat decorative coating on rough surface on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                             | sq m | 4.68           |
| P.22 | Prepare as specified and apply one (1) coat of high performance thermoplastic acrylic resin paint, two (2) coats high performance acrylic rubber based paint and one (1) finishing coat of anti-fungi and anti-algae emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall). | sq m | 7.48           |
| P.23 | Prepare as specified and apply two (2) coats of vinyl silk emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                           | sq m | 2.98           |
| P.24 | Prepare as specified and apply one coat of vinyl silk emulsion paint.                                                                                                                                                                                                                                                                                                                                                                                  | sq m | 1.53           |
| P.25 | Prepare as specified and use texture roller to apply two (2) coats of vinyl silk emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                     | sq m | 2.98           |
| P.26 | Prepare and apply two (2) finishing coats of weather shield finished acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered                                                                                                                                                                                                                                                         | sq m | 3.23           |
| P.27 | surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                                                                                                                                                                                                                                                                        |      | 1.7            |
| P.28 | P&A one finishing coats of weather shield acrylic emulsion paint on existing concrete surfaces.                                                                                                                                                                                                                                                                                                                                                        | sq m | 3.4            |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.29 | Brush down and apply one (1) finishing coat of pure acrylic emulsion paint used for both interior and exterior decorations on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                   | sq m | 1.7            |
| P.30 | Apply two (2) finishing coats of pure acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                 | sq m | 0.68           |
| P.31 | Brush down and apply one (1) finishing coat of high performance acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                       | sq m | 3.4            |
| P.32 | Brush down and apply two (2) finishing coat of high performance acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                       | sq m | 3.83           |
| P.33 | Brush down and apply two(2) finishing coat of anti-fungus acrylic emulsion paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                             | sq m | 2.98           |
| P.34 | Prepare and appply one (1) coat of epoxy primer and one (1) finishing coat of polyurethane paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                             | sq m | 3.23           |
| P.35 | Prepare and appply one (1) coat of epoxy primer and two (2) finishing coat of polyurethane paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                             | sq m | 1.7            |
| P.36 | Brush down and apply one (1) finishing coat of cement paint on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                                  | sq m | 1.36           |
| P.37 | Brush down and apply one (1) coat polyurethane paint (2 pack system) on existing previously decorated/non decorated concrete, brick or hollow block surfaces, plastered surfaces, plain, perforated or grillled asbestos surfaces, precast concrete vents, etc (measured flat overall).                                                                         | sq m | 1.36           |
| P.38 | Prepare as specified and apply one (1) coat of cement paint on new concrete, brick or hollow block surfaces, plastered surfaces, new fibreboard surfaces, plain, perforated or precast concrete vents, etc (measured flat overall).                                                                                                                             | sq m | 2.13           |
| P.39 | Prepare as specified and apply one (1) base coat 20% dilution and one (1) undercoat and one (1) finishing coat of acrylic emulsion paint used for both interior and exterior decoration on new concrete, brick or hollow block surfaces, plastered surfaces, new fibreboard surfaces, plain, perforated or precast concrete vents, etc (measured flat overall). | sq m | 2.38           |
| P.40 | Prepare as specified and apply one (1) base coat 20% dilution of acrylic PVA Copolymer emulsion paint used for both interior and exterior decoration on new concrete, brick or hollow block surfaces.                                                                                                                                                           | sq m | 3.83           |

| S/No | Description                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.41 | Prepare as specified and apply one (1) base coat of solvent base paint on new concrete, brick or hollow block surfaces.                                                                                                                                                                        | sq m | 2.13           |
| P.42 | Prepare as specified and apply one (1) base coat of high performance acrylic emulsion paint on new concrete, brick or hollow block surfaces.                                                                                                                                                   | sq m | 2.13           |
| P.43 | Prepare as specified and apply one (1) coat of oil base wall sealer on new concrete, brick or hollow block surfaces.                                                                                                                                                                           | sq m | 2.13           |
| P.44 | Prepare as specified and apply one (1) coat of water base wall sealer on new concrete, brick or hollow block surfaces.                                                                                                                                                                         | sq m | 1.28           |
| P.45 | Prepare as specified and apply one (1) coat of solvent-borne acrylic sealer on new concrete, brick or hollow block surfaces.                                                                                                                                                                   | sq m | 3.32           |
| P.46 | Prepare and apply one (1) undercoat of enamel paint on new concrete, brick or hollow block surfaces.                                                                                                                                                                                           | sq m | 2.55           |
| P.47 | Prepare and apply one (1) finishing coat of enamel paint on new concrete, brick or hollow block surfaces.                                                                                                                                                                                      | sq m | 4.68           |
| P.48 | Prepare and apply two (2) finishing coat of enamel paint on new concrete, brick or hollow block surfaces.                                                                                                                                                                                      | sq m | 7.48           |
| P.49 | Prepare and apply one (1) coat of epoxy primer and one (1) finishing coat of polyurethane paint on new concrete, brick or hollow block surfaces.                                                                                                                                               | sq m | 2.98           |
| P.50 | Prepare and apply one (1) base coat of decorative coating on smooth surface on new concrete, brick or hollow block surfaces.                                                                                                                                                                   | sq m | 1.53           |
| P.51 | Prepare and apply one (1) base coat of decorative coating on rough surface on new concrete, brick or hollow block surfaces.                                                                                                                                                                    | sq m | 2.98           |
| P.52 | Brush down and apply one finishing coat of low polyamide epoxy coating (2 packs) system                                                                                                                                                                                                        | sq m | 3.23           |
| P.53 | Brush down and apply one finishing coat of high-build epoxy coating                                                                                                                                                                                                                            | sq m | 1.7            |
| P.54 | Brush down and apply 2 coats of epoxy chemical resistant finishing paint                                                                                                                                                                                                                       | sq m | 3.4            |
| P.55 | Prepare new surfaces as specified on new concrete, brick or hollow block surfaces.                                                                                                                                                                                                             | sq m | 1.7            |
| P.56 | Apply one (1) coat of wood preservative on surfaces of sawn timber (all surfaces measured flat superficial)                                                                                                                                                                                    | sq m | 0.68           |
| P.57 | Apply two (2) coat of wood preservative on surfaces of sawn timber (all surfaces measured flat superficial)                                                                                                                                                                                    | sq m | 3.4            |
| P.58 | Apply one (1) coat of wood preservative on surfaces of wrot woodwork (all surfaces measured flat superficial)                                                                                                                                                                                  | sq m | 3.83           |
| P.59 | Apply two (2) coat of wood preservative on surfaces of wrot woodwork (all surfaces measured flat superficial)                                                                                                                                                                                  | sq m | 2.98           |
| P.60 | Knot, stop, sand and apply one (1) coat wood primer on general surfaces of chicks, flush, panelled or louvred door/windows,fitments, partitious including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of doors and windows).      | sq m | 3.23           |
| P.61 | Knot, stop, sand and apply one (1) coat wood primer on general surfaces of wooden trelliswork (measured flat overall between external edges of frames)                                                                                                                                         | sq m | 1.7            |
| P.62 | Knot, stop, sand and apply one (1) coat wood primer on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows) | sq m | 1.36           |
| P.63 | Knot, stop, sand and apply one (1) coat wood primer on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, with one panel glazed (Measured flat overall                                                                      | sq m | 1.36           |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | between external edges of frames or external edges of doors and windows).                                                                                                                                                                                                                                                                                          |      |                |
| P.64 | Knot, stop, sand and apply one (1) coat wood primer on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                                                                                        | m    | 2.13           |
| P.65 | Knot, stop, sand and apply one (1) coat wood primer on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                                                                                   | m    | 2.38           |
| P.66 | Knot, stop, sand and apply one (1) coat wood primer on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                                                                                   | m    | 3.83           |
| P.67 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitious including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of doors and windows).                                                      | sq m | 2.13           |
| P.68 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                                                         | sq m | 2.13           |
| P.69 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).                                                 | sq m | 2.13           |
| P.70 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows).                                         | sq m | 1.28           |
| P.71 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                                                                     | m    | 3.32           |
| P.72 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                                                                | m    | 2.55           |
| P.73 | Knot, stop, sand, clean with white spirit and apply one (1) coat stain on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                                                                | m    | 4.68           |
| P.74 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on general surfaces of chicks, flush, panelled or louvred door/windows,fitments, partitious including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of doors and windows).       | sq m | 7.48           |
| P.75 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                         | sq m | 2.98           |
| P.76 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 1.53           |
| P.77 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall                                                                   | sq m | 2.98           |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | between external edges of frames or external edges of doors and windows).                                                                                                                                                                                                                                                                                                                                                        |      |                |
| P.78 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                                                                                   | m    | 3.23           |
| P.79 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on surfaces exceeding 100 mm and not exceeding 200 mm girth                                                                                                                                                                                                                                               | m    | 1.7            |
| P.80 | Knot, stop, sand, clean with white spirit and apply one (1) coat of approved wax polish with hand or polishing machine on surfaces exceeding 200 mm and not exceeding 300 mm girth                                                                                                                                                                                                                                               | m    | 3.4            |
| P.81 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitious including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).               | sq m | 1.7            |
| P.82 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                 | sq m | 0.68           |
| P.83 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).         | sq m | 3.4            |
| P.84 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 3.83           |
| P.85 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                          | m    | 2.98           |
| P.86 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                     | m    | 3.23           |
| P.87 | Knot, stop, sand, clean with white spirit and apply one (1) coat of polyurethane alkyd based transparent wood finish or other equal and approved lacquer and polish to approval on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                     | m    | 1.7            |
| P.88 | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitious including frames, mullions and                                                                                                                                                                                                                          | sq m | 1.36           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|       | transomes (measured flat overall between external edges of frames or external edges of door and windows).                                                                                                                                                                                                                       |      |                |
| P.89  | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                 | sq m | 1.36           |
| P.90  | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).         | sq m | 2.13           |
| P.91  | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 2.38           |
| P.92  | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                             | m    | 3.83           |
| P.93  | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                        | m    | 2.13           |
| P.94  | Knot, stop, sand, clean with white spirit and apply one (1) coat of varnish on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                        | m    | 2.13           |
| P.95  | Apply one (1) coat of wood preservative on existing painted surfaces of sawn and wrot woodwork (all surfaces measured flat superficial).                                                                                                                                                                                        | sq m | 2.13           |
| P.96  | Apply two (2) coats of wood preservative on existing painted surfaces of sawn and wrot woodwork (all surfaces measured flat superficial).                                                                                                                                                                                       | sq m | 1.28           |
| P.97  | Prepare and apply 2 coats of approved chalkboard paint to chalkboard in accordance with the Manufacturer's instructions on existing painted surffaces of woodwork.                                                                                                                                                              | sq m | 3.32           |
| P.98  | Sandpaper, stop and prepare general surfaces of chicks, flush, panelled or louvred door/windows,fitments, partitious including frames, mullions and transomes to receive new paintwork (measured flat overall between external edges of frames or external edges of doors and windows).                                         | sq m | 2.55           |
| P.99  | Sandpaper, stop and prepare general surfaces of wooden trelliswork to receive new paintwork (measured flat overall between external edges of frames).                                                                                                                                                                           | sq m | 4.68           |
| P.100 | Sandpaper, stop and prepare general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed to receive new paintwork (Measured flat overall between external edges of frames or external edges of doors and windows).                                   | sq m | 7.48           |
| P.101 | Sandpaper, stop and prepare general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed to receive new paintwork (Measured flat overall between external edges of frames or external edges of doors and windows).                           | sq m | 2.98           |
| P.102 | Sandpaper, stop and prepare surfaces not exceeding 100 mm girth to receive new paintwork.                                                                                                                                                                                                                                       | m    | 1.53           |
| P.103 | Sandpaper, stop and prepare surfaces exceeding 100 mm and not exceeding 200 mm girth to receive new paintwork.                                                                                                                                                                                                                  | m    | 2.98           |
| P.104 | Sandpaper, stop and prepare surfaces exceeding 200 mm and not exceeding 300 mm girth to receive new paintwork.                                                                                                                                                                                                                  | m    | 3.23           |

| S/No  | Description                                                                                                                                      | Unit   | Unit Cost (\$) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| P.105 | Prepare, clean with white spirit and apply one (1) coat of wood primer on                                                                        | sq m   |                |
|       | general surfaces of chicks, flush, panelled or louvred door/windows,fitments, partitious including frames, mullions and                          |        | 1.7            |
|       | transomes (measured flat overall between external edges of frames or                                                                             |        | 2.7            |
|       | external edges of door and windows).                                                                                                             |        |                |
| P.106 | Prepare, clean with white spirit and apply one (1) coat of wood primer on general surfaces of wooden trelliswork (measured flat overall between  | sq m   | 3.4            |
|       | external edges of frames).                                                                                                                       |        |                |
| P.107 | Prepare, clean with white spirit and apply one (1) coat of wood primer on                                                                        | sq m   |                |
|       | general surfaces of panelled windows, panelled doors, fanlights, partitions                                                                      |        | 1.7            |
|       | including frames, mullions and transomes, all panels glazed (Measured flat                                                                       |        | 1.7            |
|       | overall between external edges of frames or external edges of doors and windows).                                                                |        |                |
| P.108 | Prepare, clean with white spirit and apply one (1) coat of wood primer on                                                                        | sq m   |                |
|       | general surfaces of panelled windows, panelled doors, fanlights, partitions                                                                      | •      | 0.68           |
|       | and including frames, mullions and transomes, with one panel glazed                                                                              |        | 0.08           |
|       | (Measured flat overall between external edges of frames or external edges                                                                        |        |                |
| P.109 | of doors and windows).  Prepare, clean with white spirit and apply one (1) coat of wood primer on                                                | m      | 3.4            |
|       | surfaces not exceeding 100 mm girth.                                                                                                             |        | 3.1            |
| P.110 | Prepare, clean with white spirit and apply one (1) coat of wood primer on                                                                        | m      | 3.83           |
|       | surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                        |        |                |
| P.111 | Prepare, clean with white spirit and apply one (1) coat of wood primer on surfaces exceeding 200 mm and not exceeding 300 mm girth.              | m      | 2.98           |
| P.112 | Sandpaper, stop and clean with white spirit on general surfaces of chicks,                                                                       | sq m   |                |
| 1.112 | flush, panelled or louvred door/windows, fitments, partitions including                                                                          | 34 111 | 2.22           |
|       | frames, mullions and transomes to receive new paintwork (measured flat                                                                           |        | 3.23           |
|       | overall between external edges of frames or external edges of door and                                                                           |        |                |
| P.113 | windows). Sandpaper, stop and clean with white spirit on general surfaces of wooden                                                              | sq m   |                |
|       | trelliswork to receive new paintwork (measured flat overall between                                                                              | 34     | 1.7            |
|       | external edges of frames).                                                                                                                       |        |                |
| P.114 | Sandpaper, stop and clean with white spirit on general surfaces of panelled                                                                      | sq m   |                |
|       | windows, panelled doors, fanlights, partitions including frames, mullions                                                                        |        | 1.36           |
|       | and transomes, all panels glazed to receive new paintwork (Measured flat overall between external edges of frames or external edges of doors and |        |                |
|       | windows).                                                                                                                                        |        |                |
| P.115 | Sandpaper, stop and clean with white spirit on general surfaces of panelled                                                                      | sq m   |                |
|       | windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed to receive new paintwork      |        | 1.36           |
|       | (Measured flat overall between external edges of frames or external edges                                                                        |        |                |
|       | of doors and windows).                                                                                                                           |        |                |
| P.116 | Sandpaper, stop and clean with white spirit on surfaces not exceeding 100                                                                        | m      | 2.13           |
| D 117 | mm girth to receive new paintwork.                                                                                                               |        | 2.20           |
| P.117 | Sandpaper, stop and clean with white spirit on surfaces exceeding 100 mm and not exceeding 200 mm girth to receive new paintwork.                | m      | 2.38           |
| P.118 | Sandpaper, stop and clean with white spirit on surfaces exceeding 200 mm                                                                         | m      | 3.83           |
|       | and not exceeding 300 mm girth to receive new paintwork.                                                                                         |        |                |
| P.119 | Sandpaper, stop and clean with white spirit and apply one (1) coat of stain                                                                      | sq m   |                |
|       | on general surfaces of chicks, flush, panelled or louvred door/windows,                                                                          |        | 2.13           |
|       | fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door  |        |                |
|       | and windows).                                                                                                                                    |        |                |

| S/No  | Description                                                                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.120 | Sandpaper, clean with white spirit and apply one (1) coat of stain on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                 | sq m | 2.13           |
| P.121 | Sandpaper, clean with white spirit and apply one (1) coat of stain on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).         | sq m | 2.13           |
| P.122 | Sandpaper, clean with white spirit and apply one (1) coat of stain on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 1.28           |
| P.123 | Sandpaper, clean with white spirit and apply one (1) coat of stain on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                             | m    | 3.32           |
| P.124 | Sandpaper, clean with white spirit and apply one (1) coat of stain on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                        | m    | 2.55           |
| P.125 | Sandpaper, clean with white spirit and apply one (1) coat of stain on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                        | m    | 4.68           |
| P.126 | Rub down and apply one (1) undercoat of enamel paint on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).                             | sq m | 7.48           |
| P.127 | Rub down and apply one (1) undercoat of enamel paint on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                               | sq m | 2.98           |
| P.128 | Rub down and apply one (1) undercoat of enamel paint on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and                                 | sq m | 1.53           |
| P.129 | windows). Rub down and apply one (1) undercoat of enamel paint on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows).     | sq m | 2.98           |
| P.130 | Rub down and apply one (1) undercoat of enamel paint on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                                           | m    | 3.23           |
| P.131 | Rub down and apply one (1) undercoat of enamel paint on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                                      | m    | 1.7            |
| P.132 | Rub down and apply one (1) undercoat of enamel paint on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                                      | m    | 3.4            |
| P.133 | Rub down and apply one (1) finishing coat of enamel paint on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).                        | sq m | 1.7            |
| P.134 | Rub down and apply one (1) finishing coat of enamel paint on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                          | sq m | 0.68           |
| P.135 | Rub down and apply one (1) finishing coat of enamel paint on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat                                                                                                    | sq m | 3.4            |

| S/No  | Description                                                                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|       | overall between external edges of frames or external edges of doors and windows).                                                                                                                                                                                                                             |      |                |
| P.136 | Rub down and apply one (1) finishing coat of enamel paint on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 3.83           |
| P.137 | Rub down and apply one (1) finishing coat of enamel paint on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                             | m    | 2.98           |
| P.138 | Rub down and apply one (1) finishing coat of enamel paint on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                        | m    | 3.23           |
| P.139 | Rub down and apply one (1) finishing coat of enamel paint on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                        | m    | 1.7            |
| P.140 | Rub down and apply two (2) finishing coat of enamel paint on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door andwindows).                | sq m | 1.36           |
| P.141 | Rub down and apply two (2) finishing coat of enamel paint on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                 | sq m | 1.36           |
| P.142 | Rub down and apply two (2) finishing coat of enamel paint on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and                   | sq m | 2.13           |
| P.143 | windows). Rub down and apply two (2) finishing coat of enamel paint on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges              | sq m | 2.38           |
| P.144 | of doors and windows).  Rub down and apply two (2) finishing coat of enamel paint on surfaces not exceeding 100 mm girth.                                                                                                                                                                                     | m    | 3.83           |
| P.145 | Rub down and apply two (2) finishing coat of enamel paint on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                        | m    | 2.13           |
| P.146 | Rub down and apply two (2) finishing coat of enamel paint on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                        | m    | 2.13           |
| P.147 | Rub down and apply one (1) coat of stain on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).                                | sq m | 2.13           |
| P.148 | Rub down and apply one (1) coat of stain on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                                  | sq m | 1.28           |
| P.149 | Rub down and apply one (1) coat of stain on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).                          | sq m | 3.32           |
| P.150 | Rub down and apply one (1) coat of stain on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows).                  | sq m | 2.55           |

| S/No  | Description                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.151 | Rub down and apply one (1) coat of stain on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                               | m    | 4.68           |
| P.152 | Rub down and apply one (1) coat of stain on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                          | m    | 7.48           |
| P.153 | Rub down and apply one (1) coat of stain on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                          | m    | 2.98           |
| P.154 | Rub down and apply one (1) coat of varnish on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).               | sq m | 1.53           |
| P.155 | Rub down and apply one (1) coat of varnish on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                 | sq m | 2.98           |
| P.156 | Rub down and apply one (1) coat of varnish on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).         | sq m | 3.23           |
| P.157 | Rub down and apply one (1) coat of varnish on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 1.7            |
| P.158 | Rub down and apply one (1) coat of varnish on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                             | m    | 3.4            |
| P.159 | Rub down and apply one (1) coat of varnish on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                        | m    | 1.7            |
| P.160 | Rub down and apply one (1) coat of varnish on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                        | m    | 0.68           |
| P.161 | Rub down and apply one (1) coat of varnish on loose furniture of staff quarters such as 1-seater sofa (dining chairs included).                                                                                                                                                                | no   | 3.4            |
| P.162 | Rub down and apply one (1) coat of varnish on loose furniture of staff quarters such as 2-seater sofa (dining chairs included).                                                                                                                                                                | no   | 3.83           |
| P.163 | Rub down and apply one (1) coat of varnish on loose furniture of staff quarters such as 3-seater sofa (dining chairs included).                                                                                                                                                                | no   | 2.98           |
| P.164 | Rub down and apply one (1) coat of shellac on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).               | sq m | 3.23           |
| P.165 | Rub down and apply one (1) coat of shellac on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                 | sq m | 1.7            |
| P.166 | Rub down and apply one (1) coat of shellac on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).         | sq m | 1.36           |
| P.167 | Rub down and apply one (1) coat of shellac on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 1.36           |
| P.168 | Rub down and apply one (1) coat of shellac on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                             | m    | 2.13           |
| P.169 | Rub down and apply one (1) coat of shellac on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                        | m    | 2.38           |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                | Unit | Unit Cost (\$) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| P.170 | Rub down and apply one (1) coat of shellac on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                                                                                                                    | m    | 3.83           |
| P.171 | Not In Use                                                                                                                                                                                                                                                                                                                                                                                 |      | 2.13           |
| P.172 | Not In Use                                                                                                                                                                                                                                                                                                                                                                                 |      | 2.13           |
| P.173 | Not In Use                                                                                                                                                                                                                                                                                                                                                                                 |      | 2.13           |
| P.174 | Rub down and apply two (2) coat of shellac on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).                                                                                                           | sq m | 1.28           |
| P.175 | Rub down and apply two (2) coat of shellac on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                                                                                                                             | sq m | 3.32           |
| P.176 | Rub down and apply two (2) coat of shellac on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows).                                                                                                     | sq m | 2.55           |
| P.177 | Rub down and apply two (2) coat of shellac on general surfaces of panelled windows, panelled doors, fanlights, partitions and including frames, mullions and transomes, with one panel glazed (Measured flat overall between external edges of frames or external edges of doors and windows).                                                                                             | sq m | 4.68           |
| P.178 | Rub down and apply two (2) coat of shellac on surfaces not exceeding 100 mm girth.                                                                                                                                                                                                                                                                                                         | m    | 7.48           |
| P.179 | Rub down and apply two (2) coat of shellac on surfaces exceeding 100 mm and not exceeding 200 mm girth.                                                                                                                                                                                                                                                                                    | m    | 2.98           |
| P.180 | Rub down and apply two (2) coat of shellac on surfaces exceeding 200 mm and not exceeding 300 mm girth.                                                                                                                                                                                                                                                                                    | m    | 1.53           |
| P.181 | Rub down and apply one (1) coat of polyurethane-alkyd based transparent wood finish or other equal and approved lacquer and polish to approval on general surfaces of chicks, flush, panelled or louvred door/windows, fitments, partitions including frames, mullions and transomes (measured flat overall between external edges of frames or external edges of door and windows).       | sq m | 2.98           |
| P.182 | Rub down and apply one (1) coat of polyurethane-alkyd based transparent wood finish or other equal and approved lacquer and polish to approval on general surfaces of wooden trelliswork (measured flat overall between external edges of frames).                                                                                                                                         | sq m | 3.23           |
| P.183 | Rub down and apply one (1) coat of polyurethane-alkyd based transparent wood finish or other equal and approved lacquer and polish to approval on general surfaces of panelled windows, panelled doors, fanlights, partitions including frames, mullions and transomes, all panels glazed (Measured flat overall between external edges of frames or external edges of doors and windows). | sq m | 1.7            |

| S/No | Description                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1    | Provision of skid bin / ank for disposal of general waste 16' X 8' x 5' including towing and disposal                                                                                 | No.  | 467.5          |
| 2    | Supply and install A4 5mm thick transparent acrylic with inject sticker                                                                                                               | No   | 89.25          |
| 3    | Supply and install door signage, Size: 250mm x 50mm, 3mm thick clear acrylic                                                                                                          | No.  | 32.3           |
| 4    | Supply and install A4 1.5mm thick aluminium plate in round edges with reflective vinyl sticke                                                                                         | sq m | 110.5          |
| 5    | Supply and install SAV sticker signage with printing of artwork up to A5                                                                                                              | no.  | 3.4            |
| 6    | Supply and install SAV sticker signage with printing of artwork up to A4                                                                                                              | no.  | 6.8            |
| 7    | Supply and install SAV sticker signage with printing of artwork up to A3                                                                                                              | no.  | 12.75          |
| 8    | 80% wool, 20% nylon cut pile carpet, 40 oz/sq yd, 10 mm pile height complete with rubber underlay including all necessary                                                             | sq m | 84.15          |
| 9    | carpet accessories Ditto but 36 oz/sq yd                                                                                                                                              | sq m | 78.63          |
| 10   | 100% wool, cut pile carpet 36oz/sq yd, 10mm pile height                                                                                                                               | sq m | 82.28          |
| 11   | 100% wool, cut pile carpet 40oz/sq yd, 10mm pile height                                                                                                                               | sq m | 85.34          |
| 12   | Ditto                                                                                                                                                                                 | sq m | 27.2           |
| 13   | Labour and compatible adhesive for laying carpet including Underlay                                                                                                                   | sq m | 13.6           |
| 14   | Take out carpet, remove off site and prepare surfaces to receive new.                                                                                                                 | sq m | 15.3           |
| 15   | Plain 100% polypropylene needle punched carpet or other equal and approved low cost industrial carpet laid on and including adhesive to concrete or timber floor or to foam underlay. | sq m | 56.61          |
| 16   | Supply and lay high quality anti-static carpet tiles size 600 x 600 mm to floor.                                                                                                      | sq m | 64.86          |
| 17   | Supply and lay high quality anti-static carpet sheet to floor.                                                                                                                        | sq m | 21.42          |
| 18   | Labour only, taking out existing carpet on junction box and relaying new carpet including all necessary fixing materials, cutting and trimming. (Carpet to be supplied by TP).        | sq m | 19.55          |
| 19   | Supply labour and tools to stretch existing carpet and strengthen all split seams, including all necessary ancillary materials.                                                       | sq m | 16.24          |
| 20   | Extra over PVC floor tiles/sheets (any type) for laying in patches, each patch not exceeding 1 m2                                                                                     | sq m | 19.98          |
| 21   | Apply 2 coats of wax polish and polish with hand or polishing machine to approval on PVC floor tiles or sheets ( any type)                                                            | sq m | 22.61          |
| 22   | Cove-former for PVC floor tiles or sheets ( any type)                                                                                                                                 | M    | 23.8           |
| 23   | PVC capping strip to the edge of skirting ditto (ditto)                                                                                                                               | M    | 24.65          |
| 24   | Cove-up skirting ditto (ditto)                                                                                                                                                        | М    | 23.97          |
| 25   | 2 mm thick, not exceeding 150mm high black polyvinyl chloride extrusion skirting coved at bottom fixed with and including approved adhesive                                           | M    | 27.2           |

| S/No | Description                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | compound including corners, coves, junctions, angles etc for PVC floor tiles                                                                                                                                         |      |                |
| 26   | or sheets (any type) 3mm thick ditto (ditto)                                                                                                                                                                         | М    | 27.63          |
| 27   | 38 mm wide aluminium naplocks, single-sided nailed to concrete floor to receive edge of vinyl floor finishing                                                                                                        | М    | 31.62          |
| 28   | Ditto double -sided, to receive edge of vinyl floor finishing and the other side to receive other floor finishing                                                                                                    | M    | 34             |
| 29   | Take out vinyl tiles/sheets, remove off site and prepare to receive new work                                                                                                                                         | sq m | 15.73          |
| 30   | Supply labour and approved adhesive for laying vinyl tiles/sheets                                                                                                                                                    | sq m | 13.6           |
| 31   | Labour to lay nosing tiles (any type) including cement screed/adhesive                                                                                                                                               | M    | 19.55          |
| 32   | Approved aluminium nosing with PVC insert to steps, doorways etc.                                                                                                                                                    | M    | 29.75          |
| 33   | Remove existing nosing tiles ( any type) or hack existing paving, make good work disturbed and prepare to receive new work                                                                                           | M    | 17.85          |
| 34   | 25 mm to 50 mm wide x 1.7 mm thick non-skid fixed vinyl profile strip fixed with adhesive, to threshold, treads, etc                                                                                                 | M    | 21.17          |
| 35   | Skim coat of cement mortar (1 :6) to walls, columns, beams etc                                                                                                                                                       | sq m | 19.98          |
| 36   | Extra labour and materials for floor and walls finishings (any type and thickness) for working into recess, grooves, etc not exceeding 75 mm girth. (For girth exceeding 300 mm measured separately)                 | M    | 17.94          |
| 37   | Ditto for working around sanitary fittings, ventilators, fixture etc (measured only in patch work)                                                                                                                   | M    | 19.72          |
| 38   | Hack existing concrete surface to form keys, wash and clean to receive finishing                                                                                                                                     | sqm  | 18.53          |
| 39   | Hack off any thickness in existing plaster, tiling, terrazzo, or other similar materials excluding screed, in whole or in patch, remove debris off site and prepare surface to receive new.                          | sqm  | 6.38           |
| 40   | 20mm thick cement and sand (1:3) screed                                                                                                                                                                              | sq m | 5.78           |
| 41   | 200mm x 100mm x Bmm medium duty vitrified ceramic tiles, laid and pointed in white or tinted cement and including rounded edge. (Measured flat superficial unless otherwise specified) (screed measured separately)  | sq m | 40.8           |
| 42   | 200mm x 200mm x 8mm medium duty vitrified ceramic tiles, laid and pointed in white or tinted cement and including rounded edge. (Measured flat superficial unless otherwise specified) ( screed measured separately) | sq m | 38             |
| 43   | 200mm x 100mm x 8mm heavy duty ceramic tiles, laid and pointed in white or tinted cement and including rounded edge (Measured flat superficial unless otherwise specified) (screed measured separately)              | sq m | 46.75          |
| 44   | 200mm x 200mm x 8mm heavy duty ceramic tiles, laid and pointed in white or tinted cement and including rounded edge (Measured flat superficial                                                                       | sq m | 51.68          |
| 45   | unless otherwise specified) (screed measured separately) Heavy Duty Ceramic tiles in skirtings, plinths, risers, curbs and returns, etc in angles, rounded edge etc not exceeding 75mm high                          | M    | #VALUE!        |
| 46   | Supply labour and mortar for laying of tiles to floors, treads etc sq including pointing neat with white or tinted cement (supply of tiles and screed measured separately)                                           | М    | 13.6           |

| S/No | Description                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 47   | 300mm x 300mm x 8mm thick homogenous wall or floor tiles (any colour) with polished face finish including angles, rounded edges etc laid and point neat with white or tinted cement                                                                          | sqm  | 89.68          |
| 48   | Supply and install 1 Omm thick clear tempered glass panel inclusive u channel and frosted film if required                                                                                                                                                   | sq m | 208.25         |
| 49   | Supply and install 12mm thick clear tempered glass panel inclusive u channel and frosted firm if required                                                                                                                                                    | sq m | 267.75         |
| 50   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - 100mm wide continuous line                                                                                                                                                    | M    | 1.32           |
| 51   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - 150mm wide continuous line                                                                                                                                                    | M    | 1.74           |
| 52   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - 200mm wide continuous line                                                                                                                                                    | M    | 2.42           |
| 53   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - 300mm wide continuous line                                                                                                                                                    | M    | 3.53           |
| 54   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - Others road markings exceeding 300mm wide                                                                                                                                     | M    | 8.84           |
| 55   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - Numerals/Lettering (Ht 150mm)                                                                                                                                                 | no.  | 5.78           |
| 56   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - Numerals/Lettering (Ht 300mm)                                                                                                                                                 | no.  | 8.25           |
| 57   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - Numerals/Lettering (Ht 900mm)                                                                                                                                                 | no.  | 13.26          |
| 58   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - Numerals/Lettering (Ht above 900mm)                                                                                                                                           | no.  | 23.97          |
| 59   | Prepare and apply 2 coats of fast-drying and weather-durable road line paint - Pedestrian crossings and other road markings exceedino 300mm wide                                                                                                             | sq m | 14.88          |
| 60   | Straight ahead lane indication arrow of triangular shaped head with 1460 mm base and 2300 mm height including 3000mm long tail with varvino from 100 mm to 300 m wide                                                                                        | No   | 16.66          |
| 61   | Straight ahead lane indication arrow of triangular shaped head with 460 mm base and 2300 mm height including 3000mm long tail with varvino from 100 mm to 300 m wide with additional arrow head                                                              | no.  | 22.7           |
| 62   | Left turn lane indication arrow of 2750mm base x 300mm height triangular shaped head with internal and external radii of 430mm and 460mm respectively and 3200mm long tail with width varying from 100mm x 300mm wide                                        | no.  | 18.02          |
| 63   | Left turn lane indication arrow of 2750mm base x 300mm height triangular shaped head with internal and external radii of 430mm and 460mm respectively and 3200mm long tail with width varying from 100mm x 300mm wide additional right turn indication arrow | no.  | 24.91          |
| 64   | Low cabinet with 20mm thick solid plywood with laminate, height < 850mm                                                                                                                                                                                      | M    | 488.75         |
| 65   | Wall hung cabinet with 20mm thick solid plywood with laminate, height < 850mm                                                                                                                                                                                | M    | 493            |
| 66   | Wall hung cabinet with 20mm thick solid plywood with laminate, height < 2600mm                                                                                                                                                                               | М    | 743.75         |
| 67   | Supply and install Service Outlet Box complete with 2 gang powerpoint -                                                                                                                                                                                      | Set  | 191.25         |
| 68   | Supply and install bare steel raised floor complete with necessary accessories                                                                                                                                                                               | sq m | 72.25          |

| S/No | Description                                                                                                                                                  | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 69   | Provision of pest control services including flies, rodents, mice, cockroaches, lizards, ants, bee hives, mosquito, fogging and termite control (anv or all) | Job  | 119            |
| 70   | Provision of night culling pest control services                                                                                                             | Job  | 408            |
| 71   | Mobilization charge for road resurfacing premix work                                                                                                         | Job  | 807.5          |
| 72   | Supply labour, machinery and tools to cold mill down asphalt pavement to depth at approximately 75mm in a single pass including disposal                     | sq m | 14.88          |
| 73   | Premix bituminous wearing course including rolling with rollers to a consolidated thickness of average 75mm as specified                                     | sq m | 17.43          |

## PRICE SCHEDULE OF RATES II - MECHANICAL WORKS

## 1. AIRCON MAINTENANCE

| S/No     | Description                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1 to     | Not In Use                                                                                                                                                                                                             |      |                |
| 21<br>22 | To supply labours, materials and transport for the dismantling and                                                                                                                                                     | no   | 85             |
| 23       | inspection and returning the compressors to the original location only when the compressors is beyond the economical repair To supply and replace New Inverter Type 220V/240V single Phase                             | no   | 425            |
|          |                                                                                                                                                                                                                        |      |                |
| 24       | Compressor - up to 1 H.P. (9,000 btu)  To supply and replace New Inverter Type 220V/240V single Phase                                                                                                                  | no   | 680            |
|          | Compressor - 1 1/2 H.P. (12,000 btu - 16,000 btu) up to 1 H.P. (9,000 btu)                                                                                                                                             |      |                |
| 25       | To supply and replace New Inverter Type 220V/240V single Phase                                                                                                                                                         | no   | 765            |
|          | Compressor - 2 1/2 H.P. (18,000 btu - 24,000 btu)                                                                                                                                                                      |      |                |
| 26       | To supply labours, materials & transport for the dismantling and                                                                                                                                                       | no   | 1721.25        |
|          | replacement of new inverter compressor including installation, brazing, purging system, vacuum, charging gas and testing and commissioning (included disposal of defective parts) 230v/415v 50 Hz, up to 2.5kw         |      |                |
| 27       | To supply labours, materials & transport for the dismantling and                                                                                                                                                       | no   | 1874.25        |
| 20       | replacement of new inverter compressor including installation, brazing, purging system, vacuum, charging gas and testing and commissioning (included disposal of defective parts) 415v, 50Hz, three phase up to 3.5 kw | no   | 1020           |
| 28       | To supply labours, materials & transport for the dismantling and                                                                                                                                                       | no   | 1938           |
|          | replacement of new inverter compressor including installation, brazing, purging system, vacuum, charging gas and testing and commissioning (included disposal of defective parts) 415v, 50Hz, three phase up to 4.5 kw |      |                |
| 29       | To supply labours, materials & transport for the dismantling and                                                                                                                                                       | no   | 2167.5         |
|          | replacement of new inverter compressor including installation, brazing, purging system, vacuum, charging gas and testing and commissioning (included disposal of defective parts) 415v, 50Hz, three phase up to 5.5 kw |      | 2225           |
| 30       | To supply labours, materials & transport for the dismantling and                                                                                                                                                       | no   | 2295           |
|          | replacement of new inverter compressor including installation, brazing, purging system, vacuum, charging gas and testing and commissioning (included disposal of defective parts) 415v, 50Hz, three phase up to 7.5 kw |      |                |

| S/No | Description                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------|------|----------------|
| 31   | To supply labours, materials & transport for the dismantling and                    | no   | 2524.5         |
|      |                                                                                     |      |                |
|      | replacement of new inverter compressor including installation,                      |      |                |
|      | brazing, purging system, vacuum, charging gas and testing and                       |      |                |
|      | commissioning (included disposal of defective parts) 230v/415v, 50Hz, up to 11.5 kw |      |                |
| 32   | To supply & replace new Hermetic rotary compressor, 230V, 50 Hz                     | no   | 552.5          |
| 32   | To supply a replace new Hermetic Fotolity compressor, 2504, 50 Hz                   | 110  | 332.3          |
|      | single phase up to 10,000 Btuh including installation, changing filter              |      |                |
|      | drier, flushing and vacuuming system, re-charging gas re-                           |      |                |
|      | commissioning, removal and disposal of the faulty units                             |      |                |
| 33   | To supply & replace new Hermetic rotary compressor, 230V, 50 Hz                     | no   | 637.5          |
|      | single phase up to 12,000 Btuh including installation, changing filter              |      |                |
|      | drier, flushing and vacuuming system, re-charging gas re-                           |      |                |
|      | commissioning, removal and disposal of the faulty units                             |      |                |
| 34   | To supply & replace new Hermetic rotary compressor, 230V, 50 Hz                     | no   | 807.5          |
|      | single phase up to 24,000 Btuh including installation, changing filter              |      |                |
|      | drier, flushing and vacuuming system, re-charging gas re-                           |      |                |
|      | commissioning, removal and disposal of the faulty units                             |      |                |
| 35   | To supply & replace new Hermetic rotary compressor, 230V, 50 Hz                     | no   | 977.5          |
|      | single phase up to 29,000 Btuh including installation, changing filter              |      |                |
|      | drier, flushing and vacuuming system, re-charging gas re-                           |      |                |
|      | commissioning, removal and disposal of the faulty units                             |      |                |
| 36   | To supply all materials, labours and transports to replace new                      | no   | 816            |
|      | hermetic compressor including installation, brazing, purging system,                |      |                |
|      | vacuum, charging gas and testing and commissioning (included                        |      |                |
|      | disposal of defective parts) 415v, 50Hz up to 12,000 btuh                           |      |                |
| 37   | To supply all materials, labours and transports to replace new                      | no   | 833            |
|      | hermetic compressor including installation, brazing, purging system,                |      |                |
|      | vacuum, charging gas and testing and commissioning (included                        |      |                |
|      | disposal of defective parts) 415v, 50Hz up to 18,000 Btuh                           |      |                |
| 38   | To supply all materials, labours and transports to replace new                      | no   | 1969.45        |
|      | hermetic compressor including installation, brazing, purging system,                |      |                |
|      | vacuum, charging gas and testing and commissioning (included                        |      |                |
|      | disposal of defective parts) 415v, 50Hz up to 2,6000 Btuh                           |      |                |
| 39   | To supply all materials, labours and transports to replace new                      | no   | 1972           |
|      | hermetic compressor including installation, brazing, purging system,                |      |                |
|      | vacuum, charging gas and testing and commissioning (included                        |      |                |
|      | disposal of defective parts) 415v, 50Hz up to 38,000 Btuh                           |      |                |
| 40   | To supply all materials, labours and transports to replace new                      | no   | 2096.1         |
|      | hermetic compressor including installation, brazing, purging system,                |      |                |
|      | vacuum, charging gas and testing and commissioning (included                        |      |                |
|      | disposal of defective parts) 415v, 50Hz up to 52,000 Btuh                           |      |                |

| S/No | Description                                                                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 41   | To supply all materials, labours and transports to replace new                                                         | no   | 2975           |
|      | hermetic compressor including installation, brazing, purging system,                                                   |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                           |      |                |
|      | disposal of defective parts) 415v, 50Hz up to 75,000 Btuh                                                              |      |                |
| 42   | To supply labour to pressurize system and perform refrigerant leaks                                                    | no   | 127.5          |
|      |                                                                                                                        |      |                |
| 4.0  | test with nitrogen up to 240,000 Btuh (Labour and nitrogen only)                                                       |      |                |
| 43   | To supply labour, tools and materials to pressurise system and                                                         | no   | 255            |
|      | perform leak test with nitrogen gas repair gas leaks, leak test (after                                                 |      |                |
|      | repair) replace filter drier, vacuum system and charge gas up to                                                       |      |                |
|      | 6000,000 Btuh                                                                                                          |      |                |
| 44   | To supply labour, materials and transport to replace High Pressure                                                     | no   | 68             |
|      | Switch-auto reset                                                                                                      |      |                |
| 45   | To supply labour, materials and transport to replace Low Pressure                                                      | no   | 68             |
| 43   | To supply labour, materials and transport to replace Low Fressare                                                      | 110  | 08             |
|      | Switch-auto reset                                                                                                      |      |                |
| 46   | To supply labour, materials and transport to replace Expansion                                                         | no   | 127.5          |
|      | Values in alluding hypering and floring up to CO 000 Dtub                                                              |      |                |
| 47   | Valves including brazing and flaring up to 60,000 Btuh  To supply labour, materials and transport to replace Expansion | no   | 144.5          |
| 47   | To supply labour, materials and transport to replace Expansion                                                         | 110  | 144.5          |
|      | Valves including brazing and flaring up to 180,000 Btuh                                                                |      |                |
| 48   | To supply labour, materials and transport to replace Liquid Filter Line                                                | no   | 55.25          |
|      | Driar IIn to 3/9" (0.6mm) Diameter                                                                                     |      |                |
| 49   | Drier Up to 3/8" (9.6mm) Diameter  To supply labour, materials and transport to replace Liquid Line Filter             | no   | 68             |
| 43   | To supply labour, materials and transport to replace Eliquid Elife Filter                                              | 110  | 08             |
|      | Drier Up to 1/2" (12.7mm) Diameter                                                                                     |      |                |
| 50   | To supply labour, materials and transport to replace Liquid Line Filter                                                | no   | 76.5           |
|      | Drive He to 5/01/46 Owers) Dispositor                                                                                  |      |                |
| 51   | Drier Up to 5/8" (16.0mm) Diameter  To supply labour, materials and transport to replace Liquid Line Filter            | no   | 85             |
| 31   | To supply labour, materials and transport to replace Eigulu Line Fifter                                                | 110  | 85             |
|      | Drier Up to 3/4" (19.1mm) Diameter                                                                                     |      |                |
| 52   | To supply labour, materials and transport to replace Liquid Line Filter                                                | no   | 102            |
|      |                                                                                                                        |      |                |
| 53   | Drier Up to 1" (25.4mm) Diameter  To supply labour, materials and transport to replace Sight glass with                | 20   | 74.0           |
| 33   | To supply labour, materials and transport to replace signt glass with                                                  | no   | 74.8           |
|      | moisture indicator up to 1/4" x 1/4" (6.5 x 6.5mm)                                                                     |      |                |
| 54   | To supply labour, materials and transport to replace Sight glass with                                                  | no   | 84.15          |
|      |                                                                                                                        |      |                |
|      | moisture indicator up to 3/8 x 3/8" (9.6 x 9.6mm)                                                                      |      | F0 F           |
| 55   | To supply labour, materials and transport to replace Sight glass with                                                  | no   | 59.5           |
|      | moisture indicator up to 1/2 x 1/2" (12.7 x 12.7mm)                                                                    |      |                |
| 56   | To supply labour, materials and transport to replace Sight glass with                                                  | no   | 68             |
|      |                                                                                                                        |      |                |

| S/No | Description                                                                                                                                      | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 57   | moisture indicator up to $5/8 \times 5/8$ " ( $16.0 \times 16.0$ mm)  To supply labour, materials and transport to replace Sight glass with      | no   | 76.5           |
| 58   | moisture indicator up to $3/4 \times 3/4$ " (19.1 x 19.1mm)  To supply labour, materials and transport to replace Sight glass with               | no   | 85             |
| 59   | moisture indicator up to 1" x 1" (15.4 x 25.4mm)  To supply labour, materials and transport to replace Solenoid Valve                            | no   | 74.8           |
| 60   | up to 6.5mm  To supply labour, materials and transport to replace Solenoid Valve                                                                 | no   | 112.2          |
| 61   | up to 12.7mm  To supply labour, materials and transport to replace Solenoid Valve                                                                | no   | 149.6          |
| 62   | up to 19.1mm  To supply labour, materials and transport to replace Solenoid Valve                                                                | no   | 187            |
| 63   | up to 25.4mm  To supply labour, materials and transport to replace terminal clip                                                                 | no   | 1.02           |
| 64   | To supply labour, materials and transport to install 6.5mm diameter                                                                              | no   | 5.53           |
| 65   | Refrigerant pipe To supply labour, materials and transport to install 9.5mm diameter                                                             | no   | 6.38           |
| 66   | Refrigerant pipe To supply labour, materials and transport to install 12.5mm diameter                                                            | no   | 7.23           |
| 67   | Refrigerant pipe To supply labour, materials and transport to install 16.0mm diameter                                                            | no   | 8.08           |
| 68   | Refrigerant pipe To supply labour, materials and transport to install 1.0mm diameter                                                             | no   | 8.5            |
| 69   | Refrigerant pipe To supply labour & materials to replace pillow block bearings up to                                                             | no   | 76.5           |
| 70   | 1/2" (12.7mm) diameter To supply labour & materials to replace pillow block bearings up to                                                       | no   | 127.5          |
| 71   | 1" (25.4mm) diameter  To supply labour & materials to replace pillow block bearings up to 1                                                      | no   | 168.3          |
| 72   | 1/2" (38.1mm) diameter  To supply all labour, materials. transport and tools to replace/install                                                  | no   | 123.25         |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for single A groove pulley up to SPA 112 x 1 |      |                |

| S/No | Description                                                                                                                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 73   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 144.5          |
|      | taper lock pulley (complete with bush and max bore) including                                                                                           |      |                |
|      | aligning and commissioning the system for single A groove pulley up to SPA 180 x 1                                                                      |      |                |
| 74   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 153            |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for single A groove pulley up to SPA 200 x 1        |      |                |
| 75   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 144.5          |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for single B groove pulley up to SPB 150 x 1        |      |                |
| 76   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 178.5          |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for single B groove pulley up to SPB 190 $\times$ 1 |      |                |
| 77   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 212.5          |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for single B groove pulley up to SPB 250 x 1        |      |                |
| 78   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 170            |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for double B groove pulley up to SPB 140 x 2        |      |                |
| 79   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 178.5          |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for double B groove pulley up to SPB 180 x 2        |      |                |
| 80   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 195.5          |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for double B groove pulley up to SPB 140 x 2        |      |                |
| 81   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 204            |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for double B groove pulley up to SPB 200 x 2        |      |                |
| 82   | To supply all labour, materials. transport and tools to replace/install                                                                                 | no   | 229.5          |
|      | taper lock pulley (complete with bush and max bore) including aligning and commissioning the system for double B groove pulley up to SPB 250 x 2        |      |                |

| S/No | Description                                                                                               | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------|------|----------------|
| 83   | To supply and replace permanent washable air filter mats with 85%                                         | no   | 5.1            |
|      | efficiency without filter frame. Total surface area up to 0.2 sq.m                                        |      |                |
| 84   | To supply and replace permanent washable air filter mats with 85%                                         | no   | 11.05          |
|      |                                                                                                           |      |                |
|      | efficiency complete with filter frame thickness up to 4mm. Total                                          |      |                |
| 85   | surface area up to 0.2 sq m  To supply and replace permanent washable air filter mats with 85%            | no   | 20.4           |
|      | To supply and replace permanent washable an inter-mats with 65%                                           |      | 20.4           |
|      | efficiency complete with filter frame thickness up to 7mm. Total                                          |      |                |
| 0.0  | surface area up to 0.2 sq m                                                                               |      | 440            |
| 86   | To supply all materials, labour and transport for the replacement of                                      | no   | 119            |
|      | the bearings/bushings only including removing, dismantling,                                               |      |                |
|      | servicing, reinstallation and re-commissioning for Single Phase                                           |      |                |
| 0.7  | 230v, motor up to 36,000 Btuh                                                                             |      | 424.75         |
| 87   | To supply all materials, labour and transport for the replacement of                                      | no   | 131.75         |
|      | the bearings/bushings only including removing, dismantling,                                               |      |                |
|      | servicing, reinstallation and re-commissioning for Three phase 415v,                                      |      |                |
| 00   | motor up to 60,000 Btuh                                                                                   |      | 426            |
| 88   | To supply all materials, labour and transport for the replacement of                                      | no   | 136            |
|      | the bearings/bushings only including removing, dismantling,                                               |      |                |
|      | servicing, reinstallation and re-commissioning for Three phase 415v,                                      |      |                |
| 00   | motor up to 75,000 Btuh                                                                                   |      | 452            |
| 89   | To supply all materials, labour and transport for the replacement of                                      | no   | 153            |
|      | the bearings/bushings only including removing, dismantling,                                               |      |                |
|      | servicing, reinstallation and re-commissioning for Three phase 415v,                                      |      |                |
| 00   | motor up to 120,000 Btuh                                                                                  |      | 204            |
| 90   | To supply all materials, labour and transport for the replacement of                                      | no   | 204            |
|      | new motor including installation and commissioning , single phase                                         |      |                |
|      | 230V, 4 poles/6 poles, 50Hz up to 0.25 kw                                                                 |      |                |
| 91   | To supply all materials, labour and transport for the replacement of                                      | no   | 255            |
|      | new motor including installation and commissioning , single phase                                         |      |                |
|      | 230V, 4 poles/6 poles, 50Hz up to 0.37 kw                                                                 |      |                |
| 92   | To supply all materials, labour and transport for the replacement of                                      | no   | 289            |
|      | new motor including installation and commissioning , single phase                                         |      |                |
|      | 230V, 4 poles/6 poles, 50Hz up to 0.56kw                                                                  |      |                |
| 93   | To supply all materials, labour and transport for the replacement of                                      | no   | 331.5          |
|      | new motor including installation and commissioning, single phase                                          |      |                |
|      | 230V, 4 poles/6 poles, 50Hz up to 0.75kw                                                                  |      |                |
| 94   | To supply all materials, labour and transport for the replacement of                                      | no   | 357            |
|      |                                                                                                           |      |                |
|      | new motor including installation and commissioning , single phase 230V, 4 poles/6 poles, 50Hz up to 1.5kw |      |                |
|      | 230V, 7 poics/ o poics, solit up to 1.3KW                                                                 | 1    | l l            |

| S/No | Description                                                                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 95   | To supply all materials, labour and transport for the replacement of                                                                   | no   | 382.5          |
|      | new motor including installation and commissioning , single phase 230V, 4 poles/6 poles, 50Hz up to 2.25kw                             |      |                |
| 96   | To supply all materials, labour and transport for the replacement of                                                                   | no   | 272            |
|      | new motor including installation and commissioning, three phase 415v, 50Hz, 4 poles or 6 poles, up to 1.5kw                            |      |                |
| 97   | To supply all materials, labour and transport for the replacement of                                                                   | no   | 357            |
|      | new motor including installation and commissioning , three phase 415v, 50Hz, 4 poles or 6 poles, up to 2.25kw                          |      |                |
| 98   | To supply all materials, labour and transport for the replacement of                                                                   | no   | 425            |
|      | new motor including installation and commissioning , three phase 415v, 50Hz, 4 poles or 6 poles, up to 3.75kw                          |      |                |
| 99   | To supply all materials, labour and transport for the replacement of                                                                   | no   | 510            |
|      | new motor including installation and commissioning , three phase 415v, 50Hz, 4 poles or 6 poles, up to 5.6kw                           |      |                |
| 100  | To supply all materials, labour and transport for the replacement of                                                                   | no   | 612            |
|      | new motor including installation and commissioning , three phase 415v, 50Hz, 4 poles to 6 poles, up to 11.5kw                          |      |                |
| 101  | To supply and replace control relay c/w socket 8 to 12 pins, coil                                                                      | no   | 51             |
| 102  | voltage 230V To supply and replace control relay c/w socket 8 to 12 pins, coil                                                         | no   | 51             |
| 103  | voltage 24V To supply and replace time delay relay c/w socket 8 to 12 pins, coil                                                       | no   | 76.5           |
| 104  | voltage 230V. Delay time: 1-30 sec for ducted split/packaged unit To supply and replace time delay relay c/w socket 8 to 12 pins, coil | no   | 76.5           |
| 105  | voltage 24V. Delay time: 1-30 sec for ducted split/packaged unit To supply and replace capacitor up to 6 uf (ufarad)                   | no   | 14.45          |
| 106  | To supply and replace capacitor up to 20uf (ufarad)                                                                                    | no   | 24.65          |
| 107  | To supply and replace capacitor up to 30uf (ufarad)                                                                                    | no   | 35.7           |
| 108  | To supply and replace capacitor up to 60uf (ufarad)                                                                                    | no   | 68             |
| 109  | To supply materials and labour to replace thermal overload relay - 3 phase (0.12A to 0.18A) up to (4.0A to 6.0A)                       | no   | 68             |
| 110  | To supply materials and labour to replace thermal overload relay - 3 phase (5.6A to 8.0A) up to (22A to 24A) for ducted split unit     | no   | 76.5           |
| 111  | To supply materials and labour to replace thermal overload relay - 3 phase 24A to 32A for ducted split/packaged unit                   | no   | 93.5           |

| S/No | Description                                                                                  | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------|------|----------------|
| 112  | To supply materials and labour to replace thermal overload relay - 3 phase                   | no   | 123.25         |
|      | 30A to 45A (including terminal cables) for ducted                                            |      |                |
|      | split/packaged unit                                                                          |      |                |
| 113  | To supply materials and labour to replace thermal overload relay - 3 phase                   | no   | 148.75         |
|      | 60A to 75A (including terminal cables) for ducted                                            |      |                |
| 114  | split/packaged unit  To supply labour and materials to replace auxiliary contact c/w block 2 | 20   | 25.5           |
| 114  | contacts for ducted split/packaged unit                                                      | no   | 25.5           |
| 115  | To supply labour and materials to replace auxiliary contact c/w block 4                      | no   | 34             |
| 113  | contacts for ducted split/packaged unit                                                      | 110  | 34             |
| 116  | To supply all materials, labour and transport to install/replace                             | no   | 8.5            |
|      |                                                                                              |      |                |
|      | indicating light with holder for control panel.                                              |      |                |
| 117  | To supply all materials, labour and transport to install/replace                             | no   | 1.7            |
|      |                                                                                              |      |                |
|      | indicating light without holder for control panel.                                           |      |                |
| 118  | To supply all materials, labour and transport to install/replace fuse                        | no   | 2.55           |
|      | (all sizes) for control panel                                                                |      |                |
| 119  | To supply labour & materials to install/replace galvanized steel                             | m    | 4.68           |
| 113  | To supply labour & materials to instally replace guivanized steel                            |      | 4.00           |
|      | conduit c/w saddles run on surface 25mm diameter                                             |      |                |
| 120  | To supply labour & materials to install/replace galvanized steel                             | m    | 5.19           |
|      |                                                                                              |      |                |
|      | conduit c/w saddles run on surface 40mm diameter                                             |      |                |
| 121  | To supply labour & materials to install/replace galvanized steel                             | m    | 4.08           |
|      |                                                                                              |      |                |
| 122  | conduit c/w saddles run in wall/in floor up to 25mm diameter                                 |      | F 27           |
| 122  | To supply labour & materials to install/replace galvanized steel                             | m    | 5.27           |
|      | conduit c/w saddles run in wall/in floor up to 32mm diameter                                 |      |                |
| 123  | To supply labour & materials to install/replace galvanized steel                             | m    | 7.65           |
|      | , , , , , , , , , , , , , , , , , , ,                                                        |      | 7.00           |
|      | conduit c/w saddles run in wall/in floor up to 50mm diameter                                 |      |                |
| 124  | To supply labour & materials to install/replace PVC conduit c/w                              | m    | 2.38           |
|      |                                                                                              |      |                |
|      | saddles run in wall/in floor up to 25mm diameter                                             |      |                |
| 125  | To supply labour & materials to install/replace PVC conduit c/w                              | m    | 2.89           |
|      | saddles run in wall/in floor up to 38mm diameter                                             |      |                |
| 126  | To supply labour & materials to install/replace galvanized flexible                          | m    | 2 20           |
| 120  | 10 Supply labour & materials to install/replace galvanized liexible                          | m    | 2.38           |
|      | conduit with pvc sleeving up to 25mm diameter                                                |      |                |
| 127  | To supply labour & materials to install/replace galvanized flexible                          | m    | 4.68           |
|      |                                                                                              |      |                |
|      | conduit with pvc sleeving up to 38mm diameter                                                |      |                |
| 128  | To supply labour & materials to install/replace Brass termination                            | m    | 1.02           |
|      |                                                                                              |      |                |
|      | gland only for metal type flexible conduit with pvc conduit up to                            |      |                |
|      | 20mm diameter.                                                                               | l    |                |

| S/No | Description                                                                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 129  | To supply labour & materials to install/replace Brass termination                                                                 | m    | 1.28           |
|      | gland only for metal type flexible conduit up to 25mm diameter.                                                                   |      |                |
| 130  | To supply labour & materials to install/replace Brass termination                                                                 | m    | 1.53           |
| 131  | gland only for metal type flexible conduit up to 50mm diameter.  To supply and replace step-down transformer (240V to 24V) up to  | m    | 85             |
| 132  | 50VA To supply labour and materials to install/replace flexible PVC conduit                                                       | m    | 1.53           |
| 133  | 20mm dia To supply labour and materials to install/replace flexible PVC conduit                                                   | m    | 1.87           |
| 134  | 25mm dia To supply labour and materials to install/replace PVC termination                                                        | m    | 2.13           |
| 135  | gland 25mm dia To supply labour and materials to install/replace PVC termination                                                  | m    | 2.55           |
| 136  | gland 38mm dia To supply labour and materials to install/replace PVC trunking (shall                                              | m    | 6.21           |
| 137  | be SISIR Approved type) complete with bracket 100mm x 75mm To supply labour and materials to install/replace PVC trunking (shall  | m    | 6.29           |
| 138  | be SISIR Approved type) complete with bracket 100mm x 100mm To supply labour and materials to install/replace PVC trunking (shall | m    | 7.06           |
| 139  | be SISIR Approved type) complete with bracket 150mm x 75mm To supply labour and materials to install/replace PVC trunking (shall  | m    | 7.91           |
|      | be SISIR Approved type) complete with bracket 200 x 100mm                                                                         |      |                |
| 140  | To supply labour and materials to install/replace PVC trunking (shall                                                             | m    | 8.59           |
| 141  | be SISIR Approved type) complete with bracket 200 x 150mm To supply labour and materials to install/replace PVC/PVC insulated     | m    | 0.26           |
| 142  | cable $1 \times 1$ sq mm (including termination to existing)  To supply labour and materials to install/replace PVC/PVC insulated | m    | 0.3            |
| 143  | cable 1 x 1.5 sq mm (including termination to existing) To supply labour and materials to install/replace PVC/PVC insulated       | m    | 0.38           |
| 144  | cable 1 x 2.5 sq mm (including termination to existing) To supply labour and materials to install/replace PVC/PVC insulated       | m    | 0.51           |
| 145  | cable 1 x 4.0 sqmm (including termination to existing) To supply labour and materials to install/replace PVC/PVC insulated        | m    | 0.98           |
|      | cable 1 x 6.0 sqmm (including termination to existing)                                                                            |      |                |

| S/No | Description                                                                                                                  | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 146  | To supply labour and materials to install/replace PVC/PVC insulated                                                          | m    | 1.19           |
|      |                                                                                                                              |      |                |
| 1.47 | cable 1 x 10.0 sq mm (including termination to existing) To supply labour and materials to install/replace PVC/PVC insulated |      | 1.02           |
| 147  | To supply labour and materials to install/replace PVC/PVC insulated                                                          | m    | 1.83           |
|      | cable 1 x 16.0 sq mm (including termination to existing)                                                                     |      |                |
| 148  | To supply labour and materials to install/replace PVC/PVC insulated                                                          | m    | 2.64           |
|      |                                                                                                                              |      |                |
| 140  | cable 1 x 25.0 sq mm (including termination to existing)                                                                     |      | 2.70           |
| 149  | To supply labour and materials to install/replace PVC/PVC insulated                                                          | m    | 3.78           |
|      | cable 1 x 35.0 sq mm (including termination to existing)                                                                     |      |                |
| 150  | To supply labour and materials to install/replace PVC/PVC insulated                                                          | m    | 4.76           |
|      |                                                                                                                              |      |                |
| 454  | cable 1 x 50.0 sq mm (including termination to existing)                                                                     |      | 0.24           |
| 151  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 0.21           |
|      | 1 x 1.0 sq mm (including termination to existing)                                                                            |      |                |
| 152  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 0.26           |
|      |                                                                                                                              |      |                |
| 452  | 1 x 1.5 sq mm (including termination to existing)                                                                            |      | 0.24           |
| 153  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 0.34           |
|      | 1 x 2.5 sq mm (including termination to existing)                                                                            |      |                |
| 154  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 0.43           |
|      |                                                                                                                              |      |                |
| 155  | 1 x 4.0 sq mm (including termination to existing)                                                                            |      | 0.70           |
| 155  | To supply labour and materials to install/replace PVC insulated                                                              | m    | 0.72           |
|      | cable 1 x 6.0 sq mm (including termination to existing)                                                                      |      |                |
| 156  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 1.02           |
|      |                                                                                                                              |      |                |
| 157  | 1 x 10.0 sq mm (including termination to existing)                                                                           | m    | 1 52           |
| 157  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 1.53           |
|      | 1 x 16.0 sq mm (including termination to existing)                                                                           |      |                |
| 158  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 2.3            |
|      |                                                                                                                              |      |                |
| 159  | 1 x 25.0 sq mm (including termination to existing)  To supply labour and materials to install/replace PVC insulated cable    | m    | 2 27           |
| 159  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 3.27           |
|      | 1 x 35.0 sq mm (including termination to existing)                                                                           |      |                |
| 160  | To supply labour and materials to install/replace PVC insulated cable                                                        | m    | 4.29           |
|      | 4 500 (6 1 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                                                |      |                |
| 161  | 1 x 50.0 sq mm (including termination to existing)                                                                           | no   | 222.75         |
| 101  | To supply labour and materials to replace/install Room/Duct                                                                  | no   | 233.75         |
|      | temperature sensor +/- 1 deg C                                                                                               |      |                |
| 162  | To supply labour and materials to replace/install air flow switch.                                                           | no   | 136            |
|      |                                                                                                                              |      |                |

| S/No | Description                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 163  | To supply labour and materials to replace/install Temperature                                                                              | no   | 195.5          |
|      | Controller c/w sensor any DX unit                                                                                                          |      |                |
| 164  | To supply labour and materials to replace/install Thermostat (Single                                                                       | no   | 170            |
|      | Stage) also an adjusting to                                                                                                                |      |                |
| 165  | Stage) c/w speed control.  To supply labour and materials to replace/install Thermostat (Two                                               | no   | 255            |
|      | ,                                                                                                                                          |      |                |
| 166  | Stage) c/w speed control.                                                                                                                  | 20   | 102            |
| 166  | To supply material, labour, transport and install/replace including                                                                        | no   | 102            |
|      | connecting up to power point and ready to operate for an electric                                                                          |      |                |
|      | time switch (digital type) 230v, 50Hz, 10-30 amperes, quartz reserve                                                                       |      |                |
| 167  | (150hrs) for 24 hours with 1 minute setting  To supply material, labour, transport and install/replace including                           | no   | 297.5          |
|      | To cappi, material, labour, stanoport and metally, opinion metallig                                                                        |      | 257.5          |
|      | connecting up to power point and ready to operate for an electric                                                                          |      |                |
|      | time switch (digital type) 230v, 50Hz, 7 days operations (weekly) class of protection IP42/11, with minimum time setting of 1 minute.      |      |                |
|      | the timer shall have at least 24 start/stop functions                                                                                      |      |                |
| 168  | To supply labour, tool and transport for replace/install control panel                                                                     | no   | 29.75          |
|      |                                                                                                                                            |      |                |
| 169  | ventilation fan up to 15cm dia, with fan motor up to 30w, 230v  To cut through re-inforcement concrete floor or wall to form opening up to | no   | 340            |
| 103  | 0.6 cu.m                                                                                                                                   | 110  | 340            |
| 170  | To supply labour, materials, transport and tools to cut through brickwall to                                                               | no   | 34             |
| 171  | form opening up to 0.02cu m  To supply labour, materials, transport and tools to cut through brickwall to                                  | no   | 45.9           |
| 1,1  | form opening up to 0.05cu m                                                                                                                | 110  | 43.3           |
| 172  | To supply labour, materials, transport and tools to cut through brickwall to                                                               | no   | 68             |
| 173  | form opening up to 0.10cu m  To supply labour, materials, transport and tools to cut through brickwall to                                  | no   | 102            |
| 1,3  | form opening up to 0.15cu m                                                                                                                | 110  | 102            |
| 174  | To supply labour, materials, transport and tools to cut through                                                                            | no   | 22.1           |
|      | brickwall to form opening up to 0.20cu m                                                                                                   |      |                |
| 175  | To seal up louvred panels, holes and etc with 6mm thick master                                                                             | m    | 22.1           |
|      |                                                                                                                                            |      |                |
| 176  | board (a calcium silicate matric re-inforced with cellulose)  To provide mobile crane for hoisting of air-con equipment to/from the        | m    | 340            |
| 170  | To provide mobile drafte for holsting of an -corr equipment to morn the                                                                    | ""   | 340            |
|      | roof top of the building (licensed Operator)                                                                                               |      |                |
| 177  | To supply all materials, labour transport for the install/replace of                                                                       | m    | 18.7           |
|      | polyurethane foam insulation as specified for pipes up to 32mm dia                                                                         |      |                |
| 178  | To supply all materials, labour transport for the install/replace of                                                                       | m    | 20.4           |
|      | polyurethane foam insulation as specified for pipes up to 40mm dia                                                                         |      |                |
| 179  | To supply all materials, labour transport for the install/replace of                                                                       | m    | 22.95          |
|      |                                                                                                                                            |      |                |
|      | polyurethane foam insulation as specified for pipes up to 51mm dia                                                                         |      |                |

| S/No | Description                                                                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 180  | To supply all materials, labour for the install/replace of 26G                                                                            | m    | 11.05          |
|      |                                                                                                                                           |      |                |
| 181  | aluminium jacket with painting for pipes size up to 26mm dia  To supply all materials, labour for the install/replace of 26G              | m    | 12.75          |
| 101  | To supply all materials, labour for the install/replace of 200                                                                            | '''  | 12.73          |
|      | aluminium jacket with painting for pipes size up to 32mm dia                                                                              |      |                |
| 182  | To supply all materials, labour for the install/replace of 26G                                                                            | m    | 14.45          |
|      |                                                                                                                                           |      |                |
| 183  | aluminium jacket with painting for pipes size up to 40mm dia  To supply all materials, labour for the install/replace of 26G              | m    | 17             |
| 103  | To supply an materials, labour for the instally replace of 200                                                                            | '''  | 1,             |
|      | aluminium jacket with painting for pipes size up to 51mm dia                                                                              |      |                |
| 184  | To supply all materials, labour, transport for the install/replace 20mm                                                                   | m    | 6.8            |
|      | DVC drain nine on curface including all albows toos cockets and                                                                           |      |                |
|      | PVC drain pipe on surface including all elbows, tees, sockets and supporting clips                                                        |      |                |
| 185  | To supply all materials, labour, transport for the install/replace 25mm                                                                   | m    | 7.65           |
|      |                                                                                                                                           |      |                |
|      | PVC drain pipe on surface including all elbows, tees, sockets and                                                                         |      |                |
| 186  | supporting clips  To supply all materials, labour, transport for the install/replace 32mm                                                 | m    | 9.35           |
| 100  | To supply an materials, labour, transport for the instally replace 32.11111                                                               | '''  | 3.33           |
|      | PVC drain pipe on surface including all elbows, tees, sockets and                                                                         |      |                |
| 407  | supporting clips                                                                                                                          |      |                |
| 187  | To supply all materials, labour, transport for the install/replace 40mm PVC drain pipe on surface including all elbows, tees, sockets and | m    | 11.05          |
|      | supporting clips                                                                                                                          |      |                |
| 188  | To supply all materials, labour, transport for the install/replace 50mm                                                                   | m    | 16.15          |
|      |                                                                                                                                           |      |                |
|      | PVC drain pipe on surface including all elbows, tees, sockets and supporting clips                                                        |      |                |
| 189  | To supply all materials, labour and transport to replace the insulation                                                                   | m    | 4.25           |
|      |                                                                                                                                           |      |                |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                                     |      |                |
|      | cell elastomeric thermal insulation: up to 13mm (1/2) ID size 3/8 wall thickness                                                          |      |                |
| 190  | To supply all materials, labour and transport to replace the insulation                                                                   | m    | 6.8            |
|      |                                                                                                                                           |      |                |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                                     |      |                |
|      | cell elastomeric thermal insulation: up to 13mm (1/2) ID size 3/4 wall thickness                                                          |      |                |
| 191  | To supply all materials, labour and transport to replace the insulation                                                                   | m    | 11.9           |
|      |                                                                                                                                           |      |                |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                                     |      |                |
|      | cell elastomeric thermal insulation: up to 13mm (1/2) ID size 1/2 wall thickness                                                          |      |                |
| 192  | To supply all materials, labour and transport to replace the insulation                                                                   | m    | 22.1           |
|      | ,,,                                                                                                                                       |      |                |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                                     |      |                |
|      | cell elastomeric thermal insulation: up to 13mm (1/2) ID size 1 wall                                                                      |      |                |
| ļ    | thickness                                                                                                                                 | l    | ı l            |

| S/No | Description                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 193  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 5.1            |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 19mm (3/4) ID size 3/8 wall thickness                                                                       |      |                |
| 194  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 8.08           |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 19mm (3/4) ID size 1/2 wall thickness                                                                       |      |                |
| 195  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 14.45          |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 19mm (3/4) ID size 3/4 wall thickness                                                                       |      |                |
| 196  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 25.5           |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 19mm (3/4) ID size 1 wall thickness                                                                         |      |                |
| 197  | To supply all materials, labour and transport to replace the insulation for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 25mm (1) ID size 3/8 wall thickness | m    | 6.8            |
| 198  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 10.2           |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 25mm (1) ID size 1/2 wall thickness                                                                         |      |                |
| 199  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 16.15          |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 25mm (1) ID size 3/4 wall thickness                                                                         |      |                |
| 200  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 31.45          |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 25mm (1) ID size 1 wall thickness                                                                           |      |                |
| 201  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 8.5            |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 35mm (1 3/8) ID size 3/8 wall thickness                                                                     |      |                |
| 202  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 11.9           |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation: up to 35mm (1 3/8) ID size 1/2 wall thickness                                                                     |      |                |
| 203  | To supply all materials, labour and transport to replace the insulation                                                                                                                                                      | m    | 23.8           |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                                                                                                                        |      |                |

| S/No | Description                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | cell elastomeric thermal insulation: up to 35mm (1 3/8") ID size 3/4                                                           |      |                |
| 204  | wall thickness                                                                                                                 |      | 4C 7F          |
| 204  | To supply all materials, labour and transport to replace the insulation                                                        | m    | 46.75          |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                          |      |                |
|      | cell elastomeric thermal insulation: up to 35mm (1 3/8") ID size 1                                                             |      |                |
| 205  | wall thickness                                                                                                                 |      | 44.05          |
| 205  | To supply all materials, labour and transport to replace the insulation                                                        | m    | 11.05          |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                          |      |                |
|      | cell elastomeric thermal insulation: up to 48mm (1 7/8") ID size 3/8                                                           |      |                |
| 200  | wall thickness                                                                                                                 |      | 16.45          |
| 206  | To supply all materials, labour and transport to replace the insulation                                                        | m    | 16.15          |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                          |      |                |
|      | cell elastomeric thermal insulation: up to 48mm (1 7/8") ID size 1/2                                                           |      |                |
| 207  | wall thickness                                                                                                                 |      | 20.6           |
| 207  | To supply all materials, labour and transport to replace the insulation                                                        | m    | 30.6           |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                          |      |                |
|      | cell elastomeric thermal insulation: up to 48mm (1 7/8") ID size 3/4                                                           |      |                |
| 200  | wall thickness                                                                                                                 |      | <b>54</b>      |
| 208  | To supply all materials, labour and transport to replace the insulation                                                        | m    | 51             |
|      | for the copper piping, PVC drain pipe, drain pan, and etc with closed                                                          |      |                |
|      | cell elastomeric thermal insulation: up to 48mm (1 7/8") ID size 1                                                             |      |                |
| 200  | wall thickness                                                                                                                 | m2   | 2.4            |
| 209  | To supply all materials, labour and transport to install/replace sheet                                                         | m2   | 34             |
|      | insulation 1/4 thick                                                                                                           |      |                |
| 210  | To supply all materials, labour and transport to install/replace sheet                                                         | m2   | 51             |
|      | insulation 1/2 thick                                                                                                           |      |                |
| 211  | To supply materials and labour to install/replace drip pan (22 gauge                                                           | no   | 25.5           |
|      |                                                                                                                                |      |                |
|      | galvanized steel sheet) without insulation and coated with anti-rust                                                           |      |                |
| 212  | primer and 2 coats of finishing paint up to 1 sq ft area  To supply materials and labour to install/replace drip pan (22 gauge | no   | 38.25          |
|      | 12 22 pm (22 Sauge                                                                                                             |      | 30.23          |
|      | galvanized steel sheet) without insulation and coated with anti-rust                                                           |      |                |
| 242  | primer and 2 coats of finishing paint up to 2 sq ft area                                                                       |      | F4             |
| 213  | To supply materials and labour to install/replace drip pan (22 gauge                                                           | no   | 51             |
|      | galvanized steel sheet) without insulation and coated with anti-rust                                                           |      |                |
|      | primer and 2 coats of finishing paint up to 3 sq ft area                                                                       |      | _              |
| 214  | To supply materials and labour to install/replace drip pan (22 gauge                                                           | no   | 63.75          |
|      | galvanized steel sheet) without insulation and coated with anti-rust                                                           |      |                |
|      | primer and 2 coats of finishing paint up to 4 sq ft area                                                                       |      |                |
| 215  | To supply materials and labour to install/replace drip pan (22 gauge                                                           | no   | 76.5           |
|      |                                                                                                                                |      |                |

| S/No | Description                                                                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | galvanized steel sheet) without insulation and coated with anti-rust                                                                    |      |                |
| 216  | primer and 2 coats of finishing paint up to 5 sq ft area  To supply materials and labour to install/replace drip pan (22 gauge          | no   | <b>5</b> 4     |
| 216  | galvanized steel sheet) with anti-rust primer and 2 coats of finishing                                                                  | no   | 51             |
|      | paint ) complete with 1 x 1 lb fibre glass insulation for area up to 1 sq                                                               |      |                |
|      | ft                                                                                                                                      |      |                |
| 217  | To supply materials and labour to install/replace drip pan (22 gauge                                                                    | no   | 63.75          |
|      | galvanized steel sheet) with anti-rust primer and 2 coats of finishing                                                                  |      |                |
|      | paint ) complete with 1 x 1 lb fibre glass insulation for area up to 2 sq ft                                                            |      |                |
| 218  | To supply materials and labour to install/replace drip pan (22 gauge                                                                    | no   | 76.5           |
|      | galvanized steel sheet) with anti-rust primer and 2 coats of finishing                                                                  |      |                |
|      | paint ) complete with 1 $\times$ 1 lb fibre glass insulation for area up to 3 sq ft                                                     |      |                |
| 219  | To supply materials and labour to install/replace drip pan (22 gauge                                                                    | no   | 89.25          |
|      | galvanized steel sheet) with anti-rust primer and 2 coats of finishing                                                                  |      |                |
|      | paint ) complete with 1 x 1 lb fibre glass insulation for area up to 4 sq                                                               |      |                |
| 220  | To supply materials and labour to install/replace drip pan (22 gauge                                                                    | no   | 102            |
|      | galvanized steel sheet) with anti-rust primer and 2 coats of finishing                                                                  |      |                |
|      | paint ) complete with 1 x 1 lb fibre glass insulation for area up to 5 sq                                                               |      |                |
| 221  | To supply materials and labour to install/replace drip pan (22 gauge                                                                    | no   | 114.75         |
|      | galvanized steel sheet) with anti-rust primer and 2 coats of finishing                                                                  |      |                |
|      | paint ) complete with 1 x 1 lb fibre glass insulation for area up to 6 sq ft                                                            |      |                |
| 222  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 8,500 to                                                                   | unit | 1062.5         |
|      | 10,000 Btuh wall mounted inverter type split air-conditioner including                                                                  |      |                |
|      | dismantling of existing units (if any), opening hole on walls, S/S                                                                      |      |                |
|      | brackets, make good all disturbed areas . Inclusive of one (1) year                                                                     |      |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                             |      |                |
|      | dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit |      |                |
|      | (condensing and fan coil units c/w wireless/ wire remote control with                                                                   |      |                |
|      | drainage).                                                                                                                              |      |                |
| 223  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 10,500 to                                                                  | unit | 1190           |
|      | 15,500 Btuh wall mounted inverter type split air-conditioner including                                                                  |      |                |
|      | dismantling of existing units (if any), opening hole on walls, S/S                                                                      |      |                |
|      | brackets, make good all disturbed areas . Inclusive of one (1) year                                                                     |      |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                             |      |                |
|      | dismantling the existing air-con system and make good to disturbed                                                                      |      |                |
|      | area if any. The complete new set of the split air-conditioning unit                                                                    |      |                |
|      | (condensing and fan coil units c/w wireless/ wire remote control with drainage).                                                        |      |                |
| I    | · · · · <del>· · · · ·</del>                                                                                                            | l    | ı l            |

| S/No | Description                                                                                                                                | Unit  | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|
| 224  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent15,000 to                                                                      | unit  | 1530           |
|      |                                                                                                                                            |       |                |
|      | 18,500 Btuh wall mounted inverter type split air-conditioner including                                                                     |       |                |
|      | dismantling of existing units (if any), opening hole on walls, S/S                                                                         |       |                |
|      | brackets, make good all disturbed areas . Inclusive of one (1) year                                                                        |       |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                                |       |                |
|      | dismantling the existing air-con system and make good to disturbed                                                                         |       |                |
|      | area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with |       |                |
|      | drainage).                                                                                                                                 |       |                |
| 225  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent18,600 to                                                                      | unit  | 1827.5         |
|      | 24,500 Btuh wall mounted inverter type split air-conditioner including                                                                     |       |                |
|      | dismantling of existing units (if any), opening hole on walls, S/S                                                                         |       |                |
|      | brackets, make good all disturbed areas . Inclusive of one (1) year                                                                        |       |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                                |       |                |
|      | dismantling the existing air-con system and make good to disturbed                                                                         |       |                |
|      | area if any. The complete new set of the split air-conditioning unit                                                                       |       |                |
|      | (condensing and fan coil units c/w wireless/ wire remote control with                                                                      |       |                |
|      | drainage).                                                                                                                                 |       |                |
| 226  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 24,600 to                                                                     | unit  | 2847.5         |
|      | 36,500 Btuh wall mounted inverter type split air-conditioner including                                                                     |       |                |
|      | dismantling of existing units (if any), opening hole on walls, S/S                                                                         |       |                |
|      | brackets, make good all disturbed areas . Inclusive of one (1) year                                                                        |       |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                                |       |                |
|      | dismantling the existing air-con system and make good to disturbed                                                                         |       |                |
|      | area if any. The complete new set of the split air-conditioning unit                                                                       |       |                |
|      | (condensing and fan coil units c/w wireless/ wire remote control with                                                                      |       |                |
| 227  | drainage).                                                                                                                                 |       |                |
| 227  | Not In Use                                                                                                                                 |       | 2272.75        |
| 228  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 9,000 to                                                                      | unit  | 2273.75        |
|      | 12,500 Btuh cassette types/split air-conditioner. The rate herein                                                                          |       |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and                                                                        |       |                |
|      | insulation, stainless steel bracket or cement casting for                                                                                  |       |                |
|      | condensing unit, testing and commissioning of air-cooled                                                                                   |       |                |
|      | multi/ single split air-conditioning unit .Inclusive of one (1) year                                                                       |       |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                                |       |                |
|      | dismantling the existing air-con system and make good to                                                                                   |       |                |
|      | disturbed area if any. The complete new set of the split air-                                                                              |       |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/                                                                             |       |                |
| 229  | wire remote control with drainage).  Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent12,600 to                                 | unit  | 2482           |
| 229  | Supply and instan Daikin, wittsubisin, Tosinba of equivalent 12,000 to                                                                     | uiiit | 2482           |
|      | 18,500 Btuh cassette type s/split air-conditioner. The rate herein                                                                         |       |                |
| ı    | shall include all wiring, PVC trunking, refrigerant, pipe works and                                                                        |       |                |
|      | insulation, stainless steel bracket or cement casting for                                                                                  |       |                |
|      | condensing unit, testing and commissioning of air-cooled multi/                                                                            |       |                |
|      | single split air-conditioning unit .Inclusive of one (1) year                                                                              |       |                |
| I    | warranty for entire system & six (6) two monthly servicing,                                                                                |       |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
|      | dismantling the existing air-con system and make good to                  |      |                |
|      | disturbed area if any. The complete new set of the split air-             |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/ wire       |      |                |
| 220  | remote control with drainage).                                            |      | 2524           |
| 230  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 18,600 to    | unit | 2601           |
|      | 24,500 Btuh cassette type s/split air-conditioner The rate herein shall   |      |                |
|      | include all wiring, PVC trunking, refrigerant, pipe works and             |      |                |
|      | insulation, stainless steel bracket or cement casting for condensing      |      |                |
| Ţ    | unit, testing and commissioning of air-cooled multi/ single split air-    |      |                |
|      | conditioning unit .Inclusive of one (1) year warranty for entire system   |      |                |
|      | & six (6) two monthly servicing, dismantling the existing air-con         |      |                |
|      | system and make good to disturbed area if any. The complete new           |      |                |
|      | set of the split air-conditioning unit (condensing and fan coil units c/w |      |                |
|      | wireless/ wire remote control with drainage).                             |      |                |
| 231  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 24,600 to    | unit | 2907           |
|      | 28,500 Btuh cassette types/split air-conditioner. The rate herein         |      |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and       |      |                |
|      | insulation, stainless steel bracket or cement casting for                 |      |                |
|      | condensing unit, testing and commissioning of air-cooled                  |      |                |
|      | multi/ single split air-conditioning unit .Inclusive of one (1) year      |      |                |
|      | warranty for entire system & six (6) two monthly servicing,               |      |                |
|      | dismantling the existing air-con system and make good to                  |      |                |
|      | disturbed area if any. The complete new set of the split air-             |      |                |
|      | conditioning unit (condensing                                             |      |                |
| 232  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 28,600 to    | unit | 3217.25        |
|      | 36,500 Btuh cassette types/split air-conditioner. The rate herein         |      |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and       |      |                |
|      | insulation, stainless steel bracket or cement casting for                 |      |                |
|      | condensing unit, testing and commissioning of air-cooled                  |      |                |
|      | multi/ single split air-conditioning unit .Inclusive of one (1) year      |      |                |
|      | warranty for entire system & six (6) two monthly servicing,               |      |                |
|      | dismantling the existing air-con system and make good to                  |      |                |
|      | disturbed area if any. The complete new set of the split air-             |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/            |      |                |
| 222  | wire remote control with drainage).                                       |      | 2544.75        |
| 233  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 36,600 to    | unit | 3514.75        |
|      | 48,000 Btuh cassette types/split air-conditioner. The rate herein         |      |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and       |      |                |
| •    | insulation, stainless steel bracket or cement casting for                 |      |                |
|      | condensing unit, testing and commissioning of air-cooled                  |      |                |
|      | multi/ single split air-conditioning unit .Inclusive of one (1) year      |      |                |
|      | warranty for entire system & six (6) two monthly servicing,               |      |                |
|      | dismantling the existing air-con system and make good to                  |      |                |
|      | disturbed area if any. The complete new set of the split air-             |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/            |      |                |
| l    | wire remote control with drainage).                                       |      |                |

| S/No | Description                                                                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 234  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 16,000 to                                                                    | unit | 2231.25        |
|      | 18,500 Btuh floor stand type s/split air-conditioner. The rate herein                                                                     |      |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and                                                                       |      |                |
|      | insulation, stainless steel bracket or cement casting for                                                                                 |      |                |
|      | condensing unit, testing and commissioning of air- cooled multi/                                                                          |      |                |
|      | single split air-conditioning unit with minimum gross cooling                                                                             |      |                |
|      | capacity not less than what is specific. Inclusive of one (1) year                                                                        |      |                |
|      | warranty for entire system & six (6) two monthly servicing,                                                                               |      |                |
|      | dismantling the existing air-con system and make good to                                                                                  |      |                |
|      | disturbed area if any. The complete new set of the split air-                                                                             |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/wire                                                                        |      |                |
|      | remote control with drainage).                                                                                                            |      |                |
| 235  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 18,600 to                                                                    | unit | 2443.75        |
|      | 24,500 Btuh floor stand type s/split air-conditioner. iThe rate herein                                                                    |      |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and                                                                       |      |                |
|      | insulation, stainless steel bracket or cement casting for condensing                                                                      |      |                |
|      | unit, testing and commissioning of air-cooled multi/ single split air-                                                                    |      |                |
|      | conditioning unit with minimum gross cooling capacity not less than                                                                       |      |                |
|      | what is specific. Inclusive of one (1) year warranty for entire system                                                                    |      |                |
|      | & six (6) two monthly servicing, dismantling the existing air-con                                                                         |      |                |
|      | system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w |      |                |
|      | wireless/wire remote control with drainage)                                                                                               |      |                |
| 236  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 24,600 to                                                                    | unit | 3208.75        |
|      | oupp., and modern bankin, missablen, resined or equivalence by                                                                            |      | 3200.73        |
|      | 36,500 Btuh floor stand type s/split air-conditioner. The rate herein                                                                     |      |                |
|      | shall include all wiring, PVC trunking, refrigerant, pipe works and                                                                       |      |                |
|      | insulation, stainless steel bracket or cement casting for                                                                                 |      |                |
| 1    | condensing unit, testing and commissioning of air- cooled multi/                                                                          |      |                |
|      | single split air-conditioning unit with minimum gross cooling                                                                             |      |                |
|      | capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing.            |      |                |
|      | dismantling the existing air-con system and make good to                                                                                  |      |                |
|      | disturbed area if any. The complete new set of the split air-                                                                             |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/wire                                                                        |      |                |
|      | remote control with drainage)                                                                                                             |      |                |
| 237  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 36,600 to                                                                    | unit | 3740           |
|      | 48,000 Btuh floor stand type s/split air-conditioner including                                                                            |      |                |
|      | modification of Starter's Box if any from existing units. The rate                                                                        |      |                |
|      | herein shall include all wiring, PVC trunking, refrigerant, pipe works                                                                    |      |                |
|      | and insulation t, stainless steel bracket or cement casting for                                                                           |      |                |
|      | condensing unit, testing and commissioning of air-cooled multi/                                                                           |      |                |
|      | single split air-conditioning unit with minimum gross cooling capacity                                                                    |      |                |
|      | not less than what is specific. Inclusive of one (1) year warranty for                                                                    |      |                |
|      | entire system & six (6) two monthly servicing, dismantling the                                                                            |      |                |
|      | existing air-con system and make good to disturbed area if any. The                                                                       |      |                |
|      | complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/wire remote control with drainage)        |      |                |
| 1    | an con units of w wheless) whe remote control with diamage)                                                                               |      | I I            |

| S/No | Description                                                                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 238  | Supply and install 48,600 to 63,500 Btuh floor stand type s/split air-                                                                 | unit | 7480           |
|      | conditioner including auto transformer and starter panel. The rate                                                                     |      |                |
| 1    | herein shall include all wiring, PVC trunking, refrigerant, pipe works                                                                 |      |                |
|      | and insulation, stainless steel bracket or cement casting for                                                                          |      |                |
|      | condensing unit, testing and commissioning of air-cooled multi/                                                                        |      |                |
|      | single split air-conditioning unit with minimum gross cooling capacity                                                                 |      |                |
|      | not less than what is specific. Inclusive of one (1) year warranty for                                                                 |      |                |
|      | entire system & six (6) two monthly servicing, dismantling the                                                                         |      |                |
|      | existing air-con system and make good to disturbed area if any. The                                                                    |      |                |
|      | complete new set of the split air-conditioning unit (condensing and                                                                    |      |                |
|      | fan coil units c/w wireless/wire remote control with drainage)                                                                         |      |                |
| 239  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 63,600 to                                                                 | unit | 8691.25        |
|      | 72,500 Btuh floor stand type s/split air-conditioner including auto                                                                    |      |                |
|      | transformer and starter panelThe rate herein shall include all wiring,                                                                 |      |                |
|      | PVC trunking, refrigerant, pipe works and insulation, stainless steel                                                                  |      |                |
|      | bracket or cement casting for condensing unit, testing and                                                                             |      |                |
|      | commissioning of air-cooled multi/ single split air-conditioning unit                                                                  |      |                |
|      | with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two |      |                |
|      | monthly servicing, dismantling the existing air-con system and make                                                                    |      |                |
|      | good to disturbed area if any. The complete new set of the split air-                                                                  |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/                                                                         |      |                |
|      | wire remote control with drainage)                                                                                                     |      |                |
| 244  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent up to                                                                     | set  | 25500          |
|      | 12HP but below 16HP VRV type split air-conditioner up to 14 FCU                                                                        |      |                |
|      | including auto transformer and starter panel. he rate herein shall                                                                     |      |                |
|      | include all wiring, PVC trunking, refrigerant, pipe works and                                                                          |      |                |
|      | insulation, stainless steel bracket or cement casting for condensing                                                                   |      |                |
|      | unit, testing and commissioning of the entire system. Inclusive of                                                                     |      |                |
|      | one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to      |      |                |
|      | disturbed area if any. The complete new set of the split air-                                                                          |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/ wire                                                                    |      |                |
|      | remote control with drainage).                                                                                                         |      |                |
| 245  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 9,000                                                                     | set  | 1870           |
|      | Btuh x 2 fan coil units wall type multi-split air-conditioner. The rates                                                               |      |                |
|      | mentioned herein shall include all wiring, PVC trunking, refrigerant,                                                                  |      |                |
|      | pipe works and insulation, stainless steel bracket or cement casting                                                                   |      |                |
|      | for condensing unit, testing and commissioning of air-cooled multi/                                                                    |      |                |
|      | single split air-conditioning unit with minimum gross cooling capacity                                                                 |      |                |
|      | not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the  |      |                |
|      | existing air- con system and make good to disturbed area if any.                                                                       |      |                |
|      | The complete new set of the split air-conditioning unit                                                                                |      |                |
|      | (condensing and fan coil units c/w wireless/ wire remote control with                                                                  |      |                |
|      | drainage).                                                                                                                             |      |                |
| •    |                                                                                                                                        | •    |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 246  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 1 x 9,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | set  | 1997.5         |
| 247  | Btuh and 1 x 12,000 Btuh fan coil units wall type multi-split airconditioner. The rates mentioned herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air- con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage).  Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent 12,000                  | set  | 2125           |
| 248  | Btuh x 2 fan coil units wall type multi-split air-conditioner. The rates mentioned herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/single split air-conditioning unit with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air- con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage).  To supply and install Daikin/ Mitsubishi/ Toshiba or equivalent                                      | set  | 3570           |
| 249  | capacity of up to 36,500 Btuh ducted type split unit air-conditioner. The rate herein shall include all wiring, starter panel, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific (cost exclude duct works). Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage).  To supply and install Daikin/ Mitsubishi/ Toshiba or equivalent | set  | 4479.5         |
|      | capacity of up to 36,600 Btuh to 48,000 Btuh ducted type split unit air-conditioner. The rate herein shall include all wiring, starter panel, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific (cost exclude duct works). Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air- conditioning unit (condensing and                                                                                                                   |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 250  | fan coil units c/w wireless/ wire remote control with drainage). To supply and install Daikin/ Mitsubishi/ Toshiba or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | set  | 5163.75        |
| 251  | capacity of 48,000 Btuh to 63,500 Btuh ducted type of split unit air-conditioner inclusive of auto transformer, soft starter, Starters Panel. The rate herein shall include all wiring, starter panel, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific (cost exclude duct works). Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air- conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage). To supply and install Daikin/ Mitsubishi/ Toshiba or equivalent    | set  | 7118.75        |
| 252  | capacity of 63,600 Btuh to 78,000 Btuh ducted type split unit airconditioner inclusive of auto transformer, soft starter, Starters Panel. The rate herein shall include all wiring, starter panel, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific (cost exclude duct works). Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air- conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage). To supply and installDaikin/ Mitsubishi/ Toshiba or equivalent capacit | set  | 8606.25        |
|      | of 78,100 Btuh to 120,000 Btuh ducted type split unit air- conditioner inclusive of auto transformer, soft starter, Starters Panel. The rate herein shall include all wiring, starter panel, PVC trunking, refrigerant, pipe works and insulation, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific (cost exclude duct works). Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage).                                                                               |      |                |
| 253  | To dismantle existing split air-cond up to 36,500 Btuh and return                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 85             |
| 254  | To dismantle existing split air-cond up to 50,000 Btuh and return                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 102            |
| 255  | To dismantle existing split air-cond up above 51,000 Btuh and return                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 255            |
| 256  | To dismantle existing multi-split air-cond up to 12,000 Btuh x 2 fan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 68             |

| coil units and return to the Department.  To dismantle existing split air cond capacity of up to 48,500 Btuh  To dismantle existing split air cond capacity of up to 48,500 Btuh  To supply and install for FCU, up to 20mm Diameter PVC drain pipe  no surface or conceal in partition wall.  259 To supply and install for FCU, up to 25mm Diameter PVC drain pipe  no surface or conceal in partition wall.  260 Supply & install aluminium drip pan not exceeding 1 sqm for  condensing unit. (22 gauge)  Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm  no 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid  no 3.4  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jackting exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1.3/8") dia with minimum 38mm (1.1/2") thick. (4 pipes in one jacketing)  Not in use  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  no 148.75  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  no 148.75  Not In Use  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  no 4.25  capacity)  Not In Use  Not In Use  Not In Use  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S/No | Description                                                           | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------|------|----------------|
| (Single) To supply and install for FCU, up to 20mm Diameter PVC drain pipe on surface or conceal in partition wall. To supply and install for FCU, up to 25mm Diameter PVC drain pipe on surface or conceal in partition wall. Supply & install aluminium drip pan not exceeding 1 sqm for condensing unit. (22 gauge) Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm or 1.49 sq m for condensing unit c/w drain pipe To insulate the 2 copper pipes and uPvc pipes with rigid no 1.49 sq m for condensing unit c/w drain pipe To insulate the 2 copper pipes and uPvc pipes with rigid polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1.3/8") dia with minimum 38mm (1.1/2") thick. (4 pipes in one jacketing) Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area exceeding 1 sqm. Not in Use                                                                                                                                                                                                                                                                 |      | · · · · · · · · · · · · · · · · · · ·                                 |      |                |
| To supply and install for FCU, up to 20mm Diameter PVC drain pipe on surface or conceal in partition wall. To supply and install for FCU, up to 25mm Diameter PVC drain pipe on surface or conceal in partition wall. Supply & install aluminium drip pan not exceeding 1 sqm for condensing unit. (22 gauge) Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm or 1.49 sq m for condensing unit c/w drain pipe To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1.3/8") dia with minimum 38mm (1.1/2") thick. (4 pipes in one jacketing) Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. Not In Use                                                                                                                                                                                                  | 257  | To dismantle existing split air cond capacity of up to 48,500 Btuh    | no   | 25.5           |
| To supply and install for FCU, up to 20mm Diameter PVC drain pipe on surface or conceal in partition wall. To supply and install for FCU, up to 25mm Diameter PVC drain pipe on surface or conceal in partition wall. Supply & install aluminium drip pan not exceeding 1 sqm for condensing unit. (22 gauge) Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm or 1.49 sq m for condensing unit c/w drain pipe To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1.3/8") dia with minimum 38mm (1.1/2") thick. (4 pipes in one jacketing) Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. Not In Use                                                                                                                                                                                                  |      | (c) I)                                                                |      |                |
| on surface or conceal in partition wall. To supply and install for FCU, up to 25mm Diameter PVC drain pipe on surface or conceal in partition wall. Supply & install aluminium drip pan not exceeding 1 sqm for condensing unit. (22 gauge) 261 Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm no 51 or 1.49 sq m for condensing unit c/w drain pipe To insulate the 2 copper pipes and uPvc pipes with rigid no 34 polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing) Not in use Not in use Not in use Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area exceeding 1 sqm. Not in Use N | 250  |                                                                       |      | 5.05           |
| To supply and install for FCU, up to 25mm Diameter PVC drain pipe on 6.8 on surface or conceal in partition wall.  Supply & install aluminium drip pan not exceeding 1 sqm for on 27.2 condensing unit. (22 gauge)  Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm on 51 or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid no 34 polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp - 50 to 140 deg. C and up to 35mm (13/8") dia with minimum 38mm (11/2") thick. (4 pipes in one jacketing)  Not in use | 258  | To supply and install for FCO, up to 20mm Diameter PVC drain pipe     | no   | 5.95           |
| To supply and install for FCU, up to 25mm Diameter PVC drain pipe on 6.8 on surface or conceal in partition wall.  Supply & install aluminium drip pan not exceeding 1 sqm for on 27.2 condensing unit. (22 gauge)  Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm on 51 or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid no 34 polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp - 50 to 140 deg. C and up to 35mm (13/8") dia with minimum 38mm (11/2") thick. (4 pipes in one jacketing)  Not in use |      | on surface or conceal in partition wall                               |      |                |
| on surface or conceal in partition wall.  Supply & install aluminium drip pan not exceeding 1 sqm for  condensing unit. (22 gauge)  Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm  no 51  or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid  no 34  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use  Not in use  Not in use  Not in use  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use  To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm  Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 259  | •                                                                     | no   | 6.8            |
| Supply & install aluminium drip pan not exceeding 1 sqm for  condensing unit. (22 gauge)  Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm  or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use  To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm  Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 233  | To supply and instant of 1 66, up to 25mm Stanteter 1 16 aram pipe    | 110  | 0.0            |
| condensing unit. (22 gauge)  Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm  or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use  (Any capacity)  Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | on surface or conceal in partition wall.                              |      |                |
| Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm  or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use  Not in use  Not in use  Not in use  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use                                                                                                                                                                                                                                                            | 260  | Supply & install aluminium drip pan not exceeding 1 sqm for           | no   | 27.2           |
| Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm  or 1.49 sq m for condensing unit c/w drain pipe  To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use  Not in use  Not in use  Not in use  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use  To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm  Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                       |      |                |
| or 1.49 sq m for condensing unit c/w drain pipe To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (13/8") dia with minimum 38mm (11/2") thick. (4 pipes in one jacketing) Not in use Not in use Not in use Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area exceeding 1 sqm. Not In Use Not In Use Not In Use Not In Use To seal up hole, vent, window with polygon board with area not exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any capacity) Not In Use Not In Use Not In Use Not In Use Page 14.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                                                       |      |                |
| To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use Not in use Not in use Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area exceeding 1 sqm.  To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not In Use Not In Use Not In Use Not In Use To seal up hole, vent, window with polygon board with area not exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 261  | Supply & install aluminium drip pan 22 gauge not exceeding 1.5 sqm    | no   | 51             |
| To insulate the 2 copper pipes and uPvc pipes with rigid  polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use Not in use Not in use Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area exceeding 1 sqm. Not In Use Not In Use Not In Use Not In Use To seal up hole, vent, window with polygon board with area not exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Mot In Use  A 25  Capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | or 1.40 sq m for condensing unit s/w drain nine                       |      |                |
| polyurethane foam machine injected into the annulas between the pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  263 Not in use 264 Not in use 265 Not in use 266 Not in use 267 Not in use 268 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 260 conditioner through window or vent with Area not exceeding 1 sqm. 270 Not In Use 271 Not In Use 272 Not In Use 273 Not In Use 274 Not In Use 275 To seal up hole, vent, window with polygon board with area not 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems 277 not In Use 278 (Any capacity) 278 Not In Use 277 Monthly /Bi-monthly servicing of FCU unit of VRV systems (Any 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 262  |                                                                       | no   | 24             |
| pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  263 Not in use 264 Not in use 265 Not in use 266 Not in use 267 Not in use 268 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 270 Not In Use 271 Not In Use 272 Not In Use 273 Not In Use 274 Not In Use 275 To seal up hole, vent, window with polygon board with area not 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any 278 Not In Use 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 202  | To madiate the 2 copper pipes and arve pipes with rigid               | 110  | 34             |
| pipe and 24 gauge aluminium jacketing exceeding c/w painting and brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  263 Not in use 264 Not in use 265 Not in use 266 Not in use 267 Not in use 268 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 270 Not In Use 271 Not In Use 272 Not In Use 273 Not In Use 274 Not In Use 275 To seal up hole, vent, window with polygon board with area not 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any 278 Not In Use 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | polyurethane foam machine injected into the annulas between the       |      |                |
| brackets. (Density 48 kg/cu m, thermal conductivity 0.023 W/m K or lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  263 Not in use 264 Not in use 265 Not in use 266 Not in use 267 Not in use 268 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 269 To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- 270 Not In Use 271 Not In Use 272 Not In Use 273 Not In Use 274 Not In Use 275 To seal up hole, vent, window with polygon board with area not 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems 277 Monthly /Bi-monthly servicing of FCU unit of VRV systems (Any 278 Not In Use 277 Monthly /Bi-monthly servicing of FCU unit of VRV systems (Any 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                       |      |                |
| lower at 23 deg. C mean, service temp -50 to 140 deg. C and up to 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing)  Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 136  conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not In Use Not In Use Not In Use Not In Use To seal up hole, vent, window with polygon board with area not no 11.9  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                       |      |                |
| 35mm (1 3/8") dia with minimum 38mm (1 1/2") thick. (4 pipes in one jacketing) Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 136  conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Not In Use Capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                       |      |                |
| jacketing) Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area exceeding 1 sqm. Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  no  4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                       |      |                |
| Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 136  conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not In Use To seal up hole, vent, window with polygon board with area not no 11.9  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems no 4.25  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any Not In Use Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                       |      |                |
| Not in use Not in use Not in use Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 136  conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not in Use To seal up hole, vent, window with polygon board with area not no 11.9  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems no 4.25  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 263  | -                                                                     |      |                |
| Not in use Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 136  conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not In Use To seal up hole, vent, window with polygon board with area not no 11.9  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems no 4.25  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 264  | Not in use                                                            |      |                |
| Not in use To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- no 148.75  conditioner through window or vent with Area exceeding 1 sqm. Not In Use To seal up hole, vent, window with polygon board with area not no 11.9  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any capacity) Not In Use Not In Use Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 265  | Not in use                                                            |      |                |
| To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  no 148.75  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use Not In Use Not In Use Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 266  | Not in use                                                            |      |                |
| conditioner through window or vent with Area not exceeding 1 sqm. To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity) Not In Use  78 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                       |      |                |
| To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use  To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm  Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  no 4.25  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 268  | To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air- | no   | 136            |
| To install Daikin/ Mitsubishi/ Toshiba or equivalent window unit air-  conditioner through window or vent with Area exceeding 1 sqm.  Not In Use  To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm  Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  no 4.25  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                       |      |                |
| conditioner through window or vent with Area exceeding 1 sqm.  Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 260  |                                                                       | 20   | 140.75         |
| 270 Not In Use 271 Not In Use 272 Not In Use 273 Not In Use 274 Not In Use 275 To seal up hole, vent, window with polygon board with area not 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems 277 (Any capacity) 278 Not In Use 278 Not In Use 279 Capacity) 270 Not In Use 270 Not In Use 271 Not In Use 271 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 209  | To install Dalkin, Mitsubishi, Toshiba or equivalent window unit air- | 110  | 148.75         |
| 270 Not In Use 271 Not In Use 272 Not In Use 273 Not In Use 274 Not In Use 275 To seal up hole, vent, window with polygon board with area not 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems 277 (Any capacity) 278 Not In Use 278 Not In Use 279 Capacity) 270 Not In Use 270 Not In Use 271 Not In Use 271 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | conditioner through window or vent with Area exceeding 1 sgm.         |      |                |
| Not In Use To seal up hole, vent, window with polygon board with area not Not In Use To seal up hole, vent, window with polygon board with area not Not In Use  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems Not In Use  (Any capacity) Capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 270  |                                                                       |      |                |
| Not In Use Not In Use Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                       |      |                |
| Not In Use Not In Use To seal up hole, vent, window with polygon board with area not  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                                       |      |                |
| To seal up hole, vent, window with polygon board with area not no 11.9  exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems no 4.25  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 273  |                                                                       |      |                |
| exceeding 1 sqm Monthly /Bi-monthly servicing of one condenser unit of VRV systems  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 274  | Not In Use                                                            |      |                |
| 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems no 4.25  (Any capacity)  Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity)  Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 275  | To seal up hole, vent, window with polygon board with area not        | no   | 11.9           |
| 276 Monthly /Bi-monthly servicing of one condenser unit of VRV systems no 4.25  (Any capacity) Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                       |      |                |
| (Any capacity) 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25  capacity) Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                       |      |                |
| 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25 capacity) 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 276  | Monthly /Bi-monthly servicing of one condenser unit of VRV systems    | no   | 4.25           |
| 277 Monthly /Bi-monthly servicing of FCU unit of VRV sysems (Any no 4.25 capacity) 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | (Any canacity)                                                        |      |                |
| capacity) 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 277  |                                                                       | no   | A 25           |
| 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -,,  |                                                                       |      | 7.23           |
| 278 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | capacity)                                                             |      |                |
| 279 Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 278  | Not In Use                                                            |      |                |
| ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 279  | Not In Use                                                            |      |                |

| S/No      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 280       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 281       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| to<br>334 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 335       | To dismantle and reinstall motor for Rewinding of Single Phase 230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 59.5           |
|           | To distribute and remotes not necessary of single radic 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 110  | 33.3           |
|           | Volts Fan Motor (1/6 - 1 1/2 H.P.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 336       | To dismantle and reinstall motor for Replacement of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 38.25          |
|           | Bushing/Bearing in Single Phase 230 Volts Fan Motor (1/6 - 1 1/2 H.P.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 337       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 338       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 339       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 340       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 341       | To supply and replace split unit Mounting Spring or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 2.13           |
|           | Mounting Rubber.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
| 342       | To supply and replace split unit Spring's Rubber or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 1.7            |
| 0.1       | To supply and replace spin and spin go name.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | 1.,            |
|           | Grommet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 343       | To supply and replace split unit Overload Relay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 13.6           |
| 344       | To supply and replace split unit Potential Relay or current coil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 29.75          |
|           | relay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 345       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 346       | To supply and replace split unit Dehydrator/strainer. To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 7.23           |
| 247       | and and and an estimate with the file of the control of the contro |      | 4.25           |
| 347       | supply and replace split unit washable Air Filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 4.25           |
| 348       | Not In Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no   | 30.6           |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 30.0           |
| 349       | To supply and replace split unit Condenser Coil - 9,000 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no   | 110.5          |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 250       | 11,000 BTU/HR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | 444.5          |
| 350       | To supply and replace split unit Condenser Coil - 12,000 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 144.5          |
|           | 15,000 BTU/HR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 351       | To supply and replace split unit Condenser Coil - 16,000 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 170            |
|           | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | _, _,          |
|           | 21,000 BTU/HR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 352       | To supply and replace split unit Evaporator Coil - 9,000 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 93.5           |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 252       | 11,000 BTU/HR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | m -  | 127.5          |
| 353       | To supply and replace split unit Evaporator Coil - 12,000 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | no   | 127.5          |
|           | 15,000 BTU/HR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 354       | To supply and replace split unit Evaporator Coil - 16,000 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | no   | 153            |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|           | 21,000 BTU/HR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |

| S/No       | Description                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 355        | To supply and re-insulate casing.                                                                                                                                                                                                                                            | no   | 8.5            |
| 356        | To supply and re-insulate SA duct, evaporator side with 1/4 inch                                                                                                                                                                                                             | no   | 4.68           |
| 357        | rubber formed insulation.  To supply and re-insulate suction line insulation bitumen insulation                                                                                                                                                                              | no   | 2.13           |
| 358        | tape. To supply and replace suction line insulation hose (aero-flex) as                                                                                                                                                                                                      | no   | 5.53           |
| 359        | existing size and thickness. To insulate compressor's terminals cover with bitumen insulation                                                                                                                                                                                | no   | 2.13           |
| 360        | tape. To install air-conditioner drip pan that will be provided by the                                                                                                                                                                                                       | no   | 6.8            |
| 361        | University. To supply labour overhaul window unit inclusive of condenser coil,                                                                                                                                                                                               | no   | 59.5           |
| 362        | evaporator coil, unit base assembly and etc and painting. To check gas leak weld/tighten joints and charging in refrigerant                                                                                                                                                  | no   | 51             |
| 363        | Gas. Supply and replacement phase indicating light & holder.                                                                                                                                                                                                                 | no   | 11.9           |
| 364        | Supply and replacement push button on/off switch.                                                                                                                                                                                                                            | no   | 21.25          |
| 365<br>366 | Not In Use<br>To loan window air-conditioner for more than fourteen (14) days and                                                                                                                                                                                            | no   | 42.5           |
| 367        | less than thirty (30) days. To loan window air-conditioner for more than thirty (30) days and                                                                                                                                                                                | no   | 59.5           |
| 368        | less than ninety-three (93) days. To provide labour, transportation and material to claim the                                                                                                                                                                                | no   | 170            |
|            | compressor from the agent (under warranty) 230v, 50hz and carry out the replacing of compressor, strainer, flush the system with nitrogen, check leak, charge gas, (inclusive service charge from agent) testing and commissioning the system for window unit of any         |      |                |
| 369        | capacity.  Monthly/Bi-monthly routine servicing of split unit and packaged unit                                                                                                                                                                                              | no   | 17             |
| 370        | air-conditioner according to the requirement (including 1 CU to 1 FCU/, 1 CU to 2 FCUs,).  To provide labour, transportation and material to claim the                                                                                                                       | no   | 272            |
|            | compressor from the agent (under warranty) 230v, 50hz and carry out the replacing of compressor, filter drier, flush the system with nitrogen, check leak, charge gas, service charge to agent, testing and commissioning the system for split unit up to 8 HP or 4 fan coil |      |                |

| S/No | Description                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 371  | unit. To supply and replace Potential relay.                                                                                                                                                                | 20   | 20.75          |
| 3/1  | To supply and replace Potential relay.                                                                                                                                                                      | no   | 29.75          |
| 372  | To supply and replace Compressor's overload relay (single phase).                                                                                                                                           | no   | 13.6           |
| 373  | To supply and replace Compressor's terminal wire for (5 H.P. and                                                                                                                                            | no   | 2.04           |
| 374  | below). To supply and replace Electronic, motor control valve for multi-split                                                                                                                               | no   | 93.5           |
| 375  | air-conditioner. To supply and replace Condenser's fan blade propeller fan up to                                                                                                                            | no   | 51             |
| 376  | 24,000 Btu/hr. To supply and replace Condenser's fan blade propeller fan up to                                                                                                                              | no   | 136            |
| 377  | 48,000 Btu/hr. To supply and replace Condenser's fan blade propeller fan up to                                                                                                                              | no   | 195.5          |
| 378  | 130,000 Btu/hr. To supply and replace fan motor shaft up to 0.75 kw (1 H.P.).                                                                                                                               | no   | 42.5           |
| 379  | To supply and replace washable netting filter permanent plastic                                                                                                                                             | no   | 15.3           |
| 380  | frame - All sizes (original for split unit air-conditioner). To supply, repair/fabricate housing condenser FCU with 22 gauge                                                                                | no   | 25.5           |
| 381  | galvanised steel sheet coated with anti-rust primer and paint:  Minimum cost for area which is less than 2 square feet (Inclusive labour).  To supply, repair/fabricate housing condenser FCU with 22 gauge | no   | 4.25           |
|      | galvanised steel sheet coated with anti-rust primer and paint : Additional cost above 2 square feet (Inclusive labour).                                                                                     |      |                |
| 382  | To supply and re-insulate 1 x 2 lb fibre glass insulation: Minimum                                                                                                                                          | no   | 63.75          |
| 383  | cost for area which is less than 5 square metre (Inclusive labour). To supply and re-insulate 1 $\times$ 2 lb fibre glass insulation additional                                                             | no   | 12.75          |
| 384  | cost above 5 square metre (Inclusive labour). To supply and replace remote control switch c/w temperature                                                                                                   | no   | 153            |
| 385  | control, fan speed control and timer, etc (Wired or Wireless Inclusive labour) To supply and replace P.C.B. for 25,000 Btuh to 48,000 Btuh single                                                           | no   | 318.75         |
| 303  |                                                                                                                                                                                                             | 110  | 310./3         |
| 386  | split unit air-conditioner. To supply and replace P.C.B. for 25,000 Btuh to 48,000 Btuh single                                                                                                              | no   | 318.75         |
|      | split unit air-conditioner.                                                                                                                                                                                 |      |                |

| S/No | Description                                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 387  | To supply/replace 3 core wire x 16/0076.                                                                                                                                                                                                            | no   | 1.28           |
| 388  | To supply/replace 3 core wire x 40/0076.                                                                                                                                                                                                            | no   | 1.87           |
| 389  | To supply/replace 3 core wire x 70/0076.                                                                                                                                                                                                            | no   | 2.81           |
| 390  | Supply all labour, materials, transport tools, etc for the checking of                                                                                                                                                                              | no   | 68             |
| 391  | leaks, repairing of leaks (including welding, tightening of all joints and etc), charging of gas, re-commissioning and to ensure no leakage for split unit up to 44,000 Btuh Supply all labour, materials, transport tools, etc for the checking of | no   | 102            |
| 392  | leaks, repairing of leaks (including welding, tightening of all joints and etc), charging of gas, re-commissioning and to ensure no leakage for split unit up to 78,000 Btuh Supply all labour, materials, transport and tools for the checking of  | no   | 127.5          |
|      | leaks, repairing of leaks including welding, tightening of all joints, charging of gas, re-commissioning and to ensure no gas leakage for split unit up to 260,000 Btuh                                                                             |      |                |
| 393  | Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                                                                            | no   | 255            |
| 394  | air-conditioner below 9,000 Btuh capacity (Single) Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                         | no   | 340            |
| 395  | air-conditioner below 18,000 Btuh capacity (Single) Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                        | no   | 357            |
| 396  | air-conditioner below 24,000 Btuh capacity (Single) Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                        | no   | 408            |
| 397  | air-conditioner below 36,000 Btuh capacity (Single) Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                        | no   | 425            |
| 398  | air-conditioner below 48,000 Btuh capacity (Single) Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                        | no   | 552.5          |
| 399  | air-conditioner below 96,000 Btuh capacity (Single) Supply labour, tools and transport to remove and reinstall of single                                                                                                                            | no   | 680            |
| 400  | split unit air-conditioner below 120,000 Btuh capacity coil. Supply labour, tools and transport to remove and reinstall of split unit                                                                                                               | no   | 425            |
| 401  | air-conditioner below 25,000 Btuh c/w two fan coils. Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                       | no   | 595            |
| 402  | air-conditioner below 48,000 Btuh c/w two fan coils. Supply labour, tools and transport to remove and reinstall of split unit                                                                                                                       | no   | 595            |
|      | air-conditioner below 25,000 Btuh c/w three fan coils.                                                                                                                                                                                              |      |                |

| 403 Supply labour, tools and transport to remove and reinstall of split unit no air-conditioner below 48,000 Btuh c/w 3 FCUs. | 722.5 |
|-------------------------------------------------------------------------------------------------------------------------------|-------|
| air-conditioner helow 48 000 Ptub c/w 3 FCUs                                                                                  |       |
| Lair-conditioner helow 18 000 Rtub c/w 3 ECHs                                                                                 |       |
|                                                                                                                               | 977.5 |
| 404 Supply labour, tools and transport to remove and reinstall of multi-                                                      | 9//.5 |
| split system air-conditioner (1 to 4) wall mounted fan coil unit (up to                                                       |       |
| 9,000 Btu/Hr each FCU).                                                                                                       |       |
| 405 To supply and install/replace (include dismantle old bracket) no                                                          | 127.5 |
| Stainless Steel Bracket (Any Sizes) for Condensing Unit.                                                                      |       |
| 406 To supply and install new additional set (include dismantle old pump)                                                     | 153   |
| To supply and instance dualitional set (instance distinguished of parties)                                                    | 133   |
| additional set condensate water pump c/w bracket uPVC pipe and                                                                |       |
| etcs (Any Sizes).                                                                                                             |       |
| 407 To supply labour and material to install/replace galvanized steel m                                                       | 2.55  |
| conduit c/w saddles run on surface 18mm dia.                                                                                  |       |
| 408 To supply labour and material to install/replace galvanized steel m                                                       | 3.4   |
|                                                                                                                               |       |
| conduit c/w saddles run on surface 25mm dia.                                                                                  |       |
| 409 To supply labour and material to install/replace galvanized steel m                                                       | 4.42  |
| conduit c/w saddles run on surface 32mm dia.                                                                                  |       |
|                                                                                                                               | 5.19  |
|                                                                                                                               | 5.13  |
| conduit c/w saddles run on surface 40mm dia.                                                                                  |       |
| 411 To supply labour and material to install/replace galvanized steel m                                                       | 6.38  |
| conduit c/w saddles run on surface 50mm dia.                                                                                  |       |
|                                                                                                                               | 3.23  |
|                                                                                                                               | 5.25  |
| conduit c/w saddles run in wall/in floor 18mm dia.                                                                            |       |
| 413 To supply labour and material to install/replace galvanized steel m                                                       | 4.08  |
| conduit c/w saddles run in wall/in floor 25mm dia.                                                                            |       |
|                                                                                                                               | 5.27  |
|                                                                                                                               |       |
| conduit c/w saddles run in wall/in floor 32mm dia.                                                                            |       |
| 415 To supply labour and material to install/replace galvanized steel m                                                       | 6.29  |
| conduit c/w saddles run in wall/in floor 40mm dia.                                                                            |       |
|                                                                                                                               | 7.65  |
|                                                                                                                               |       |
| conduit c/w saddles run in wall/in floor 50mm dia.                                                                            |       |
| 417 To supply labour and material to install/replace PVC conduit c/w m                                                        | 1.53  |
| saddles run on surface 18mm dia.                                                                                              |       |
|                                                                                                                               | 2.38  |
|                                                                                                                               |       |
| saddles run in wall/in floor 25mm dia.                                                                                        |       |

| S/No | Description                                                                                                                           | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 419  | To supply labour and material to install/replace PVC conduit c/w                                                                      | m    | 2.89           |
|      | saddles run in wall/in floor 32mm dia.                                                                                                |      |                |
| 420  | To supply labour and materials to install/replace flexible PVC conduit                                                                | m    | 1.53           |
|      |                                                                                                                                       |      |                |
|      | 20mm dia.                                                                                                                             |      |                |
| 421  | To supply labour and materials to install/replace flexible PVC conduit                                                                | m    | 1.87           |
|      | 25mm dia.                                                                                                                             |      |                |
| 422  | To supply labour and materials to install/replace PVC termination                                                                     | no   | 1.7            |
|      | alond 20 years die                                                                                                                    |      |                |
| 423  | gland 20mm dia.  To supply labour and materials to install/replace PVC termination                                                    | no   | 2.13           |
| 123  | To supply labour and materials to metally replace if the termination                                                                  | 110  | 2.13           |
|      | gland 25mm dia.                                                                                                                       |      |                |
| 424  | To supply labour and materials to install/replace PVC termination                                                                     | no   | 2.55           |
|      | gland 38mm dia.                                                                                                                       |      |                |
| 425  | To supply and erect steel staging of height not exceeding 3m high                                                                     | no   | 38.25          |
|      |                                                                                                                                       |      |                |
| 426  | and remove after use and clearing debris off site.  To supply and erect steel staging of height from 3m high to not                   | no   | 47.6           |
| 120  | To supply and creat steel staging of height from our high to not                                                                      | 110  | 47.0           |
|      | exceeding 5m high and remove after use and clearing debris off site.                                                                  |      |                |
| 427  | To supply and erect steel staging of height from 5m high to not                                                                       | no   | 65.45          |
|      | exceeding 7m high and remove after use and clearing debris off site.                                                                  |      |                |
| 428  | To supply and erect steel staging of height from 7m high to not                                                                       | no   | 85.85          |
|      | exceeding 10m high and remove after use and clearing debris off                                                                       |      |                |
|      | exceeding 10m high and remove after use and clearing debris off site.                                                                 |      |                |
| 429  | Supply/install flexible vibration absorber tube including brazing and                                                                 | no   | 102            |
|      |                                                                                                                                       |      |                |
| 430  | flaring up to 1-3/8".  Not In Use                                                                                                     |      |                |
| 431  | To supply all materials, labour and transport for the replacement of                                                                  | no   | 153            |
|      |                                                                                                                                       |      |                |
| 432  | auto-transformer up to 7.5 kw (10 hp), 1 tapping.  To supply all materials, labour and transport for the replacement of               | no   | 212.5          |
| 432  | To supply an materials, labour and transport for the replacement of                                                                   | 110  | 212.5          |
|      | auto-transformer up to 11 kw (15 hp), 1 tapping.                                                                                      |      |                |
| 433  | To supply all materials, labour and transport for the replacement of                                                                  | no   | 272            |
|      | auto-transformer up to 11 kw (15 hp), 4 tapping (40% to 75%).                                                                         |      |                |
| 434  | To supply all materials, labour and transport for the replacement of                                                                  | no   | 85             |
|      | Birect On Line Starters hand west will 2                                                                                              |      |                |
|      | Direct-On-Line-Starters, hand reset, with 2 or more auxiliary contacts with line and phasing protection over-load relay, suitable for |      |                |
|      | AC 500V, 3 Phase, 50 Hz conform to BS 587 and or IEC PUB 151-                                                                         |      |                |
|      | 1, 292-1 up to 3.75 kw (5 hp) (range 0.3-9 amp operating coil volts                                                                   |      |                |
| İ    | 230v or 24v.                                                                                                                          |      |                |

| S/No | Description                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------|------|----------------|
| 435  | To supply all materials, labour and transport for the replacement of                      | no   | 255            |
|      |                                                                                           |      |                |
|      | Star-Delta-Starters, hand reset, with 2 or more auxiliary contacts and                    |      |                |
|      | single phasing protection over-load relay, suitable for AC 500V, 3                        |      |                |
|      | Phase, 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                          |      |                |
|      | 7.5 kw (10 hp) full (ranges 2.5amp, 4.5 - 9.0amp, 6.0 - 12amp, 12-                        |      |                |
|      | 16amp, operating coil volts 230v or 24v.                                                  |      |                |
| 436  | To supply all materials, labour and transport for the replacement of                      | no   | 212.5          |
|      | Star-Delta-Starters, hand reset, with 2 or more auxiliary contacts and                    |      |                |
|      | single phasing protection over-load relay, suitable for AC 500V, 3                        |      |                |
|      | Phase, 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                          |      |                |
|      | 11.0 kw (15 hp) (ranges 16-25amp, operating coil volts 230v or 24v.                       |      |                |
| 437  | To supply all materials, labour and transport for the replacement of                      | no   | 272            |
|      | Star-Delta-Starters, hand reset, with 2 or more auxiliary contacts and                    |      |                |
|      | single phasing protection over-load relay, suitable for AC 500V, 3                        |      |                |
|      | Phase, 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                          |      |                |
|      | 15 kw (20 hp) (ranges 24-34amps, operating coil volts 230v or 24v.                        |      |                |
| 438  | To supply labour, materials to install Approved MCCB 30amp-                               | no   | 59.5           |
|      | ,, , , , , , , , , , , , , , ,                                                            |      | 33.3           |
|      | 32amp 2 pole, 230volts including wiring trunking, PVC conduit and                         |      |                |
|      | etc. with protective insulation, cover to Terminal position.                              |      |                |
| 439  | To supply labour, materials and install Approved MCCB 30amp-                              | no   | 102            |
|      | 32amp 3 pole, 415volts including wiring trunking, PVC conduit and                         |      |                |
|      | etc. with protective insulation, to cover to Terminal position.                           |      |                |
| 440  | To supply labour, materials and install Approved MCCB 45amp-                              | no   | 136            |
|      |                                                                                           |      |                |
|      | 60amp 3 pole, 415volts including protective insulation, to cover to                       |      |                |
|      | Terminal position.                                                                        |      |                |
| 441  | To supply labour, materials and install any size of belting (A and B)                     | no   | 17             |
| 442  | Not In Use                                                                                |      |                |
| 443  | Not In Use                                                                                |      |                |
| 444  | Not In Use                                                                                |      |                |
| 445  | Not In Use                                                                                |      |                |
| 446  | To carry out the steam cleaning for condensing unit of any capacity.                      | no   | 17             |
| 447  | To carry out the steam cleaning for fan coil unit of any capacity and                     | no   | 40.8           |
|      | window unit.                                                                              |      |                |
| 448  | To supply, labour, materials for the installation of Auto-transformer                     | job  | 510            |
|      | starter including panel for split unit of any capacity, 4 tapping (40%, 50%, 60% and 75%) |      |                |
| 449- | Not In Use                                                                                |      |                |
| 457  |                                                                                           |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 458  | To supply and install 130,000 Btuh to 158,000 Btuh floor stand ducted type                                                                                                                                                                                                                                                                  | no   |                |
|      | of s/ split air-conditioner including all pipeworks, auto transformer and starter panel, motorised actuator and damper, minor ductwork alteration, hoisting by mobile crane, dismantling of existing units and pipework, opening holes on walls etc. S/S brackets and make good all disturbed areas. Testing and commissioning.             |      | 14960          |
| 459  | To supply and install 158,001 Btuh to 183,000 Btuh floor stand                                                                                                                                                                                                                                                                              | no   | 16362.5        |
| 460  | ducted type of s/ split air-conditioner including all pipeworks, auto transformer and starter panel, motorised actuator and damper, minor ductwork alteration, hoisting by mobile crane, dismantling of existing units and pipework, opening holes on walls etc. S/S brackets and make good all disturbed areas. Testing and commissioning. | no   | 17765          |
| 400  | To supply and install 183,001 Btuh to 206,000 Btuh floor stand                                                                                                                                                                                                                                                                              | 110  | 17703          |
|      | ducted type of s/ split air-conditioner including all pipeworks, auto transformer and starter panel, motorised actuator and damper, minor ductwork alteration, hoisting by mobile crane, dismantling of existing units and pipework, opening holes on walls etc. S/S brackets and make good all disturbed areas. Testing and commissioning. |      |                |
| 461  | Supply and replace PCB for indoor fan coil unit (non-inverter type)                                                                                                                                                                                                                                                                         | no   | 318.75         |
| 462  | with cooling capacity of 8,000 Btuh to 24,500 Btuh c/w testing and recommissioning of the unit.  Supply and replace PCB for indoor fan coil unit (non-inverter type)                                                                                                                                                                        | no   | 318.75         |
| 463  | with cooling capacity of 24,600 Btuh to 48,500 Btuh c/w testing and re-commissioning of the unit.  Supply and replace PCB for outdoor condensing unit (non-inverter                                                                                                                                                                         | no   | 318.75         |
| 464  | type) with cooling capacity of 8,000 Btuh to 24,500 Btuh c/w testing and re-commissioning of the unit.  Supply and replace PCB for outdoor condensing unit (non-inverter                                                                                                                                                                    | no   | 433.5          |
|      | type) with cooling capacity of 24,600 Btuh to 48,500 Btuh c/w testing and re-commissioning of the unit.                                                                                                                                                                                                                                     |      |                |
| 465  | Supply and replace PCB for outdoor condensing unit (inverter type)                                                                                                                                                                                                                                                                          | no   | 221            |
| 466  | with cooling capacity of 8,000 Btuh to 24,500 Btuh c/w testing and recommissioning of the unit.                                                                                                                                                                                                                                             |      | 435            |
| 466  | Supply and replace PCB for outdoor condensing unit (inverter type)                                                                                                                                                                                                                                                                          | no   | 425            |
| 467  | with cooling capacity of 24,600 Btuh to 48,500 Btuh c/w testing and re-commissioning of the unit.  Supply and replace Compressor (Standard) for VRV system up to a                                                                                                                                                                          | no   | 2210           |
| 468  | capacity of 5.5 Hp complete with charging gas testing and re-<br>commissioning of the system.<br>Supply and replace Compressor (Standard) for VRV system up to a                                                                                                                                                                            | no   | 2306.9         |
|      | capacity of 8.5 Hp complete with charging gas testing and re-                                                                                                                                                                                                                                                                               |      |                |

| S/No | Description                                                                                                              | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | commissioning of the system.                                                                                             |      |                |
| 469  | Supply and replace Compressor (Standard) for VRV system up to a                                                          | no   | 2438.65        |
|      | capacity of 10.5 Hp complete with charging gas testing and re-                                                           |      |                |
|      | commissioning of the system.                                                                                             |      |                |
| 470  | Supply and replace Compressor (Standard) for VRV system up to a                                                          | no   | 2438.65        |
|      |                                                                                                                          |      |                |
|      | capacity of 12.5 Hp complete with charging gas testing and re-                                                           |      |                |
| 471  | commissioning of the system. Supply and replace Compressor (Inverter) for VRV system up to a                             | 20   | 2200.0         |
| 4/1  | Supply and replace compressor (inverter) for VKV system up to a                                                          | no   | 2306.9         |
|      | capacity of 5.5 Hp complete with charging gas testing and re-                                                            |      |                |
|      | commissioning of the system.                                                                                             |      |                |
| 472  | Supply and replace Compressor (Inverter) for VRV system up to a                                                          | no   | 2438.65        |
|      | capacity of 8.5 Hp complete with charging gas testing and re-                                                            |      |                |
|      | commissioning of the system.                                                                                             |      |                |
| 473  | Supply and replace Compressor (Inverter) for VRV system up to a                                                          | no   | 2550           |
|      |                                                                                                                          |      |                |
|      | capacity of 10.5 Hp complete with charging gas testing and re-                                                           |      |                |
| 474  | commissioning of the system. Supply and replace Compressor (Inverter) for VRV system up to a                             | no   | 2720           |
| 4/4  | Supply and replace compressor (inverter) for vive system up to a                                                         | 110  | 2720           |
|      | capacity of 12.5 Hp complete with charging gas testing and re-                                                           |      |                |
|      | commissioning of the system.                                                                                             |      |                |
| 475  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/                                           | no   | 816            |
|      | Mitsubishi/ Toshiba or equivalent for Wall Mounted Type VRV split unit (c/w remote controller, refnet joints &           |      |                |
|      | panel inclusive of 12 times of monthly servicing) for capacity up to                                                     |      |                |
|      | 9000Btuh (Indoor Unit only). The rate herein shall include all                                                           |      |                |
|      | wiring, PVC trunking, refrigerant, pipe works and                                                                        |      |                |
|      | insulation to no more than 50 meters, stainless steel bracket or                                                         |      |                |
|      | cement casting for condensing unit, drainage, testing and                                                                |      |                |
| 476  | commissioning.  Not in use                                                                                               |      |                |
| 477  | Not in use                                                                                                               |      |                |
| 478  | Not in use                                                                                                               |      |                |
| 479  | Not in use                                                                                                               |      |                |
| 480  | Supply all materials, labour and transport (incl. hoisting) to install                                                   | no   | 1028.5         |
|      | Daikin/ Mitsubishi/ Toshiba or equivalent for Floor Mounted Type                                                         |      |                |
|      | (exposed) VRV split unit (c/w remote controller, refnet                                                                  |      |                |
|      | joints & panel inclusive of 12 times of monthly servicing) for capacity                                                  |      |                |
|      | up to 12000Btuh (Indoor Unit only). The rate herein shall include all                                                    |      |                |
|      | wiring, PVC trunking, refrigerant, pipe works and insulation to no                                                       |      |                |
|      | more than 50 meters, stainless steel bracket or cement casting for condensing unit, drainage, testing and commissioning. |      |                |
| 481  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/                                           | no   | 1113.5         |
| .01  | Mitsubishi/ Toshiba or equivalent for Floor Mounted Type                                                                 |      | 1113.3         |
|      | (exposed) VRV split unit (c/w remote controller, refnet                                                                  |      |                |
|      | •                                                                                                                        | •    |                |

| S/No | Description                                                                                                       | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | joints & panel inclusive of 12 times of monthly servicing) for capacity up to                                     |      |                |
|      | 18000Btuh (Indoor Unit only). The rate herein shall include all                                                   |      |                |
|      | wiring, PVC trunking, refrigerant, pipe works and insulation to no                                                |      |                |
|      | more than 50 meters, stainless steel bracket or cement casting                                                    |      |                |
|      | for condensing unit, drainage, testing and commissioning.                                                         |      |                |
| 482  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/                                    | no   | 1198.5         |
|      | Mitsubishi/ Toshiba or equivalent for Floor Mounted Type                                                          |      |                |
|      | (exposed) VRV split unit (c/w remote controller, refnet                                                           |      |                |
|      | joints & panel inclusive of 12 times of monthly servicing) for capacity                                           |      |                |
|      | up to 24000Btuh (Indoor Unit only). The rate herein shall include all                                             |      |                |
|      | wiring, PVC trunking, refrigerant, pipe works and insulation to no                                                |      |                |
|      | more than 50 meters, stainless steel bracket or cement casting                                                    |      |                |
|      | for condensing unit, drainage, testing and commissioning.                                                         |      |                |
| 483  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/                                    | no   |                |
|      | Mitsubishi/ Toshiba or equivalent for Floor Mounted Type (concealed) VRV                                          |      | 892.5          |
|      | split unit (c/w remote controller, refnet joints & panel inclusive of 12 times                                    |      |                |
|      | of monthly servicing) for capacity up to                                                                          |      |                |
|      | 12000Btuh (Indoor Unit only). The rate herein shall include all wiring,                                           |      |                |
|      | PVC trunking, refrigerant, pipe works and insulation to no more than                                              |      |                |
|      | 50 meters, stainless steel bracket or cement casting for condensing                                               |      |                |
| 484  | unit, drainage, testing and commissioning. Supply all materials, labour and transport (incl. hoisting) to install |      | 1240 5         |
| 404  | Supply all materials, labour and transport (met. hoisting) to install                                             | no   | 1249.5         |
|      | Daikin/ Mitsubishi/ Toshiba or equivalent for Ceiling Mounted                                                     |      |                |
|      | Cassette (4-way) Type VRV split unit (c/w remote                                                                  |      |                |
|      | controller, refnet joints & panel inclusive of 12 times of monthly                                                |      |                |
|      | servicing) for capacity up to 12000Btuh (Indoor Unit only). The rate                                              |      |                |
|      | herein shall include all wiring, PVC trunking,                                                                    |      |                |
|      | refrigerant, pipe works and insulation to no more than 50 meters,                                                 |      |                |
|      | stainless steel bracket or cement casting for condensing unit,                                                    |      |                |
|      | drainage, testing and commissioning.                                                                              |      |                |
| 485  | Supply all materials, labour and transport (incl. hoisting) to install                                            | no   | 1351.5         |
|      | Daikin/ Mitsubishi/ Toshiba or equivalent for Ceiling Mounted                                                     |      |                |
|      | Cassette (4-way) Type VRV split unit (c/w remote                                                                  |      |                |
|      | controller, refnet joints & panel inclusive of 12 times of monthly servicing)                                     |      |                |
|      | for capacity up to 15000Btuh (Indoor Unit only). The rate                                                         |      |                |
|      | herein shall include all wiring, PVC trunking,                                                                    |      |                |
|      | refrigerant, pipe works and insulation to no more than 50 meters,                                                 |      |                |
|      | stainless steel bracket or cement casting for condensing unit,                                                    |      |                |
|      | drainage, testing and commissioning.                                                                              |      |                |
| 486  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/                                    | no   | 1394           |
|      | Mitsubishi/ Toshiba or equivalent for Ceiling Mounted                                                             |      |                |
|      | Cassette (4-way) Type VRV split unit (c/w remote controller, refnet                                               |      |                |
|      | joints & panel inclusive of 12 times of monthly servicing) for capacity up to                                     |      |                |
|      | 18000Btuh (Indoor Unit only). The rate herein shall include all                                                   |      |                |
|      | wiring, PVC trunking, refrigerant, pipe works and insulation to no                                                |      |                |
|      | more than 50 meters, stainless steel bracket or cement casting for                                                |      |                |
|      | condensing unit, drainage, testing and commissioning.                                                             |      | 4              |
| 487  | Supply all materials, labour and transport (incl. hoisting) to install                                            | no   | 1436.5         |
|      |                                                                                                                   | 1    |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 484  | Daikin/ Mitsubishi/ Toshiba or equivalent for Ceiling Mounted Cassette (4-way) Type VRV split unit (c/w remote controller, refnet joints & panel inclusive of 12 times of monthly servicing) for capacity up to 24000Btuh (Indoor Unit only). The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 50 meters, stainless steel bracket or cement casting for condensing unit, drainage, testing and commissioning.  Supply all materials, labour and transport (incl. hoisting) to install       |      | 1708.5         |
|      | Daikin/ Mitsubishi/ Toshiba or equivalent for Ceiling Mounted Cassette (4-way) Type VRV split unit (c/w remote controller, refnet joints & panel inclusive of 12 times of monthly servicing) for capacity up to 30000Btuh (Indoor Unit only). The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 50 meters, stainless steel bracket or cement casting for condensing unit, drainage, testing and commissioning.                                                                               |      |                |
| 485  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/ Mitsubishi/ Toshiba or equivalent for Ceiling Mounted Cassette (4-way) Type VRV split unit (c/w remote controller, refnet joints & panel inclusive of 12 times of monthly servicing) for capacity up to 36000Btuh (Indoor Unit only). The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 50 meters, stainless steel bracket or cement casting for condensing unit, drainage, testing and commissioning.        | no   | 1751           |
| 486  | Supply all materials, labour and transport (incl. hoisting) to install  Daikin/ Mitsubishi/ Toshiba or equivalent for Ceiling Mounted  Cassette (4-way) Type VRV split unit (c/w remote controller, refnet joints & panel inclusive of 12 times of monthly servicing) for capacity up to 48000Btuh (Indoor Unit only). The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 50 meters, stainless steel bracket or cement casting for condensing unit, drainage, testing and commissioning.      | no   | 1793.5         |
| 487  | Supply all materials, labour and transport (incl. hoisting) to install Daikin/ Mitsubishi/ Toshiba or equivalent for VRV Condensing Unit (c/w remote controller, refnet joints & panel inclusive of 12 times of monthly servicing) for capacity up to 100000Btuh (Outdoor Unit only). The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 50 meters, stainless steel bracket or cement casting for condensing unit, drainage, testing and commissioning.                                       | no   | 6091.95        |
| 488  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent (Ceiling  Suspended type) Single Split Unit for capacity up to 12,500Btuh. The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 25 meters, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/single split air-conditioning unit with minimum gross cooling capacity not less than what is specific.  Inclusive of one (1) year warranty for entire system & six (6) two | no   | 1841.1         |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 489  | monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/wire remote control with drainage).  Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent (Ceiling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 1892.95        |
| 490  | Suspended type) Single Split Unit for capacity up to 18,500Btuh. The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 25 meters, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/single split air-conditioning unit with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage).  Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent (Ceiling | no   | 1892.95        |
|      | Suspended type) Single Split Unit for capacity up to 24,500Btuh. The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 25 meters, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/single split air-conditioning unit with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/ wire remote control with drainage).                                                                        |      | 2002100        |
| 491  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent (Ceiling Suspended type) Single Split Unit for capacity up to 28,500Btuh. The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 25 meters, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/single split air-conditioning unit with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two monthly servicing, dismantling the existing air-con system and make good to disturbed area if any. The complete new set of the split air-conditioning unit (condensing and fan coil units c/w wireless/                                      | no   | 1892.95        |
| 492  | wire remote control with drainage).  Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent (Ceiling Suspended type) Single Split Unit for capacity up to 36,500Btuh. The rate herein shall include all wiring, PVC trunking, refrigerant, pipe works and insulation to no more than 25 meters, stainless steel bracket or cement casting for condensing unit, testing and commissioning of air-cooled multi/ single split air-conditioning unit with minimum gross cooling capacity not less than what is specific. Inclusive of one (1) year warranty for entire system & six (6) two                                                                                                                                                                                                        | no   | 2810.1         |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
|      | monthly servicing, dismantling the existing air-con system and make         |      |                |
|      | good to disturbed area if any. The complete new set of the split air-       |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/              |      |                |
|      | wire remote control with drainage).                                         |      |                |
| 493  | Supply and install Daikin/ Mitsubishi/ Toshiba or equivalent (Ceiling       | no   | 3029.4         |
|      | Suspended type) Single Split Unit for capacity up to 48,500Btuh. The        |      |                |
|      | rate herein shall include all wiring, PVC trunking, refrigerant, pipe       |      |                |
|      | works and insulation to no more than 25 meters, stainless steel             |      |                |
|      | bracket or cement casting for condensing unit, testing and                  |      |                |
|      | commissioning of air-cooled multi/single split air-conditioning unit with   |      |                |
|      | minimum gross cooling capacity not less than what is specific.              |      |                |
|      | Inclusive of one (1) year warranty for entire system & six (6) two          |      |                |
|      | monthly servicing, dismantling the existing air-con system and make         |      |                |
|      | good to disturbed area if any. The complete new set of the split air-       |      |                |
|      | conditioning unit (condensing and fan coil units c/w wireless/              |      |                |
|      | wire remote control with drainage).                                         |      |                |
| 494  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 45.05          |
|      | with approved chemical and painting of rusty parts for cooling              |      | .5.55          |
|      | capacity up to 17.5kW                                                       |      |                |
| 495  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 48.45          |
|      | with approved chemical and painting of rusty parts for cooling              |      | .00            |
|      | capacity up to 35.1kW                                                       |      |                |
| 496  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 59.5           |
|      | with approved chemical and painting of rusty parts for cooling              |      | 33.3           |
|      | capacity up to 52.7kW                                                       |      |                |
| 497  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 63.75          |
|      | with approved chemical and painting of rusty parts for cooling              |      | 00.70          |
|      | capacity up to 70.3kW                                                       |      |                |
| 498  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 71.4           |
|      | with approved chemical and painting of rusty parts for cooling              |      |                |
|      | capacity up to 105.5kW                                                      |      |                |
| 499  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 74.8           |
|      | with approved chemical and painting of rusty parts for cooling              |      |                |
|      | capacity up to 140.6kW                                                      |      |                |
| 500  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water          | no   | 82.45          |
|      |                                                                             |      |                |
|      | fan coil with approved chemical and painting of rusty parts for cooling     |      |                |
|      | capacity up to 175.8kW                                                      |      |                |
| 501  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 90.1           |
|      | with approved chemical and painting of rusty parts for cooling              |      |                |
|      | capacity up to 210.9kW                                                      |      |                |
| 502  | Chemical Cleaning of cooling coils for AHU or FAU or chilled water fan coil | no   | 00.0           |
|      | with approved chemical and painting of rusty parts for cooling capacity up  |      | 96.9           |
|      | to 246.1kW                                                                  |      |                |
| 503  | Chemical Cleaning of cooling coil for air-cooled and VRV system with        | no   | 37.4           |
|      | approved chemical and painting of rusty parts for cooling capacity up       |      |                |
|      | to 7.0kW                                                                    |      |                |
| 504  | Chemical Cleaning of cooling coil for air-cooled and VRV system with        | no   | 52.7           |
|      | approved chemical and painting of rusty parts for cooling capacity up       |      |                |
|      | to 17.5kW                                                                   |      |                |

| S/No | Description                                                                                                                  | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 505  | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 59.5           |
|      | approved chemical and painting of rusty parts for cooling capacity up                                                        |      |                |
| 506  | to 35.1kW  Chemical Cleaning of cooling coil for air-cooled and VRV system with                                              | no   | 74.0           |
| 306  | approved chemical and painting of rusty for cooling capacity parts up                                                        | no   | 74.8           |
|      | to 52.7kW                                                                                                                    |      |                |
| 507  | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 90.1           |
|      | approved chemical and painting of rusty parts for cooling capacity up                                                        |      |                |
|      | to 70.3kW                                                                                                                    |      |                |
| 508  | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 104.55         |
|      | approved chemical and painting of rusty parts for cooling capacity up to 105.5kW                                             |      |                |
|      | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 119.85         |
|      |                                                                                                                              |      | 113.03         |
| 509  | approved chemical and painting of rusty parts for cooling capacity up                                                        |      |                |
|      | to 140.6kW                                                                                                                   |      | 404.0          |
|      | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 134.3          |
| 510  | approved chemical and painting of rusty parts for cooling capacity up                                                        |      |                |
|      | to 175.8kW                                                                                                                   |      |                |
| 511  | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 149.6          |
|      |                                                                                                                              |      |                |
|      | approved chemical and painting of rusty parts for cooling capacity up to 210.9kW                                             |      |                |
| 512  | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 164.9          |
|      | approved chemical and painting of rusty parts or cooling capacity up                                                         |      |                |
|      | to 246.1kW                                                                                                                   |      |                |
| 513  | Chemical Cleaning of cooling coil for air-cooled and VRV system with                                                         | no   | 179.35         |
|      | approved chemical and painting of rusty parts for cooling capacity above 246.1kW                                             |      |                |
| 514  | To supply and charge refrigerant gas (R134a) only.                                                                           | Kg   | 15.98          |
|      | 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5                                                                                    |      | 13.30          |
| 515  | To supply nitrogen gas.                                                                                                      | Сус  | 42.5           |
| 516  | To supply and charge refrigerant gas (R123) only.                                                                            | Kg   | 22.1           |
| 310  | To supply and charge renigerant gas (N123) only.                                                                             | INS  | 22.1           |
| 517  | Supply and replace pre-insulated (polyurethane complete with                                                                 | m    | 17.85          |
|      |                                                                                                                              |      |                |
|      | jacketing) refrigerant pipes for up to 6.5mm diameter .Rates shall include all necessary supports, hangers and pipe fittings |      |                |
|      | e.g. elbow, tees, unions etc.                                                                                                |      |                |
| 518  | Supply and replace pre-insulated (polyurethane complete with                                                                 | m    | 23.8           |
|      |                                                                                                                              |      |                |
|      | jacketing) refrigerant pipes for up to 10.0mm diameter. Rates shall                                                          |      |                |
|      | include all necessary supports, hangers and pipe fittings e.g. elbow, tees, unions etc.                                      |      |                |
| 519  | Supply and replace pre-insulated (polyurethane complete with jacketing)                                                      | m    | 25.5           |
|      | refrigerant pipes for up to 13.0mm diameter. Rates shall                                                                     |      |                |
|      | include all necessary supports, hangers and pipe fittings                                                                    |      |                |
|      | e.g. elbow, tees, unions etc                                                                                                 |      |                |

| S/No | Description                                                                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 520  | Supply and replace pre-insulated (polyurethane complete with jacketing) refrigerant pipes for up to 16.0mm diameter. Rates shall include all                                               | m    | 28.05          |
|      | necessary supports, hangers and pipe fittings                                                                                                                                              |      |                |
|      | e.g. elbow, tees, unions etc.                                                                                                                                                              |      |                |
| 521  | Supply and replace pre-insulated (polyurethane complete with jacketing) refrigerant pipes for up to 20.0mm diameter. Rates shall include all necessary supports, hangers and pipe fittings | m    | 33.15          |
|      | e.g. elbow, tees, unions etc.                                                                                                                                                              |      |                |
| 522  | Supply and replace pre-insulated (polyurethane complete with                                                                                                                               |      |                |
| 522  | jacketing) refrigerant pipes for up to 22.0mm diameter. Rates shall include all necessary supports, hangers and pipe fittings                                                              | m    | 34.85          |
|      | e.g. elbow, tees, unions etc.                                                                                                                                                              |      |                |
| 523  | Supply and replace pre-insulated (polyurethane complete with jacketing) refrigerant pipes for 28.5mm diameter. Rates shall include                                                         |      |                |
|      | all necessary supports, hangers and pipe fittings e.g.                                                                                                                                     | m    | 36.55          |
|      | elbow, tees, unions etc.                                                                                                                                                                   |      |                |
| 524  | Chemical cleaning of chiller shell and tubes cooler/condenser with                                                                                                                         | no   | 635.8          |
|      | approved chemical or brush up to 400RT including replacement of                                                                                                                            |      |                |
|      | gasket, anti-corrosive protection painting                                                                                                                                                 |      |                |
| 525  | Chemical cleaning of chiller shell and tubes cooler/condenser with                                                                                                                         | no   | 785.4          |
|      | approved chemical or brush up to 800RT including replacement of gasket, anti-corrosive protection painting                                                                                 |      |                |
|      | Basket, anti-corrosive protection painting                                                                                                                                                 |      |                |

## 2. CENTRAL AIRCON MAINTENANCE

| S/No | Description                                                                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1    | Bi-Monthly servicing of air-cooled/water-cooled reciprocating chiller,                                                                  | set  | 21.25          |
|      | air-cooled water-cooled packaged unit and computer air conditioner                                                                      |      |                |
|      | complete with the starter panels and chilled water pumps,                                                                               |      |                |
|      | condenser water pumps for the systems up to 10 RT                                                                                       |      |                |
| 2    | Bi-Monthly servicing of air-cooled/ water-cooled reciprocating chiller,                                                                 | set  | 34             |
|      | air-cooled water-cooled packaged unit and computer air conditioner                                                                      |      |                |
|      | complete with the starter panels and chilled water pumps,                                                                               |      |                |
|      | condenser water pumps for the systems up to 20 RT.                                                                                      |      |                |
| 3    | Bi-Monthly servicing of air-cooled/ water-cooled reciprocating chiller,                                                                 | set  | 42.5           |
|      | air-cooled/ water-cooled packaged unit and computer air conditioner                                                                     |      |                |
|      | complete with the starter panels and chilled water pumps,                                                                               |      |                |
|      | condenser water pumps for the systems up to 50 RT.                                                                                      |      |                |
| 4    | Bi-Monthly servicing of air-cooled/ water-cooled reciprocating chiller,                                                                 | set  | 68             |
|      | air-cooled/ water-cooled packaged unit and computer air conditioner complete with the starter panels and chilled water pumps, condenser |      | 08             |
|      | water pumps for the systems                                                                                                             |      |                |
|      | up to 80 RT.                                                                                                                            |      |                |
| 5    | Bi-Monthly servicing of air-cooled/ water-cooled reciprocating chiller,                                                                 | set  |                |
|      | air-cooled/ water-cooled packaged unit and computer air conditioner                                                                     |      | 85             |
|      | complete with the starter panels and chilled water pumps, condenser                                                                     |      |                |
|      | water pumps for the systems up to 120 TR and above                                                                                      |      |                |
| 6    | Munters dehumidifiers - To Supply labour tools and transport for a                                                                      | set  | 331.5          |
|      |                                                                                                                                         |      |                |

| S/No | Description                                                                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | One-Time servicing of a Dehumidifier of all capacity including testing                                                            |      |                |
| _    | and commissioning                                                                                                                 |      |                |
| 7    | Rewinding of hermetic/ semi-hermetic compressor, 230v, 50Hz                                                                       | no   | 255            |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      | recharging gas and re-commissioning up to 1.5 kw.                                                                                 |      |                |
| 8    | Rewinding of hermetic/ semi-hermetic compressor, 230v, 50Hz                                                                       | no   | 340            |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      | recharging gas and re-commissioning up to 2.25 kw                                                                                 |      |                |
| 9    | Rewinding of hermetic/ semi-herrmetic compressor, 230v, 50Hz                                                                      | no   | 425            |
|      | including rangual of hearing / buching strainer filter dries general                                                              |      |                |
|      | including renewal of bearing/ bushing, strainer, filter drier, general overhaul, replacing of gaskets flushing, vacuuming system, |      |                |
|      | recharging gas and re-commissioning up to 3.75 kw.                                                                                |      |                |
| 10   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                       | no   | 510            |
|      | including repougl of booring / bushing strainer filter dries general                                                              |      |                |
|      | including renewal of bearing/ bushing, strainer, filter drier, general overhaul, replacing of gaskets flushing, vacuuming system, |      |                |
|      | recharging gas and re-commissioning up to 3.75 kw.                                                                                |      |                |
| 11   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                       | no   | 680            |
|      |                                                                                                                                   |      |                |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
| 12   | recharging gas and re-commissioning up to 5.62 kw Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                     | no   | 935            |
| 12   | Rewinding of Hermetic, Semi-Hermetic compressor, 413V, 30Hz                                                                       | 110  | 955            |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      | recharging gas and re-commissioning up to 7.5 kw.                                                                                 |      |                |
| 13   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                       | no   | 1190           |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      | recharging gas and re-commissioning up to I 1.25 kw                                                                               |      |                |
| 14   | Rewinding of hermetic/ semi-bermetic compressor, 4/5v, 50Hz                                                                       | no   | 1445           |
|      | including renewal of bearing/ hushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      | recharging gas and re-commissioning up to 15 kw.                                                                                  |      |                |
| 15   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                       | no   | 1904           |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                            |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      | recharging gas and re-commissioning up to 18.75 kw.                                                                               |      |                |
| 16   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                       | no   | 2125           |
|      | includingrenewal of bearing/ bushing, strainer, filter drier, general                                                             |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                        |      |                |
|      |                                                                                                                                   |      |                |

| S/No | Description                                                                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | recharging gas and re-commissioning up to 22.5 kw.                                                                                     |      |                |
| 17   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                            | no   | 2550           |
|      | including rangual of hearing/hughing strainer filter drier general                                                                     |      |                |
|      | including renewal of bearing/ bushing, strainer, filter drier, general overhaul, replacing of gaskets flushing, vacuuming system,      |      |                |
|      | recharging gas and re-commissioning up to 30 kw                                                                                        |      |                |
| 18   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                            | no   | 2567           |
| 10   | newmanig of hermetic, semi-hermetic compressor, 4154, 50112                                                                            | 110  | 2307           |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                                 |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                             |      |                |
|      | recharging gas and re-commissioning up to 37.5 kw                                                                                      |      |                |
| 19   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                            | no   | 2762.5         |
|      |                                                                                                                                        |      |                |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                                 |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                             |      |                |
|      | recharging gas and re-commissioning up to 45 kw                                                                                        |      |                |
| 20   | Rewinding of hermetic/ semi-hermetic compressor, 415v, 50Hz                                                                            | no   | 3400           |
|      | including renewal of bearing/ bushing, strainer, filter drier, general                                                                 |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system,                                                                             |      |                |
|      | recharging gas and re-commissioning up to 60 kw,                                                                                       |      |                |
| 21   | To supply labour for the dismantling, and inspection and returning                                                                     | no   | 85             |
|      | ,                                                                                                                                      |      |                |
|      | the compressors to the origiN.A.I location only when the compressors                                                                   |      |                |
|      | is beyond the economical repair.                                                                                                       |      |                |
| 22   | To supply all materials, labours and transports to replace hermetic                                                                    | no   | 1360           |
|      | compressor including installation, brazing purging system, vacuum                                                                      |      |                |
|      | compressor including installation, brazing, purging system, vacuum, charging gas and testing and conrrnissioning (included disposal of |      |                |
|      | defective parts) 415v, 50Hz, up to 3.75kw                                                                                              |      |                |
| 23   | To supply all materials, labours and transports to replace hermetic                                                                    | no   | 1700           |
| 23   | To supply all materials, labours and transports to replace nermetic                                                                    | 110  | 1700           |
|      | compressor including installation, brazing, purging system, vacuum,                                                                    |      |                |
|      | charging gas and testing and commissioning (included disposal of                                                                       |      |                |
|      | defective parts) 415v, 50Hz, up to 5.62kw                                                                                              |      |                |
| 24   | To supply all materials, labours and transports to replace hermetic                                                                    | no   | 2040           |
|      | compressor including installation, brazing purging system, vacuum                                                                      |      |                |
|      | compressor including installation, brazing, purging system, vacuum,                                                                    |      |                |
|      | charging gas and testing and commissioning (included disposal of defective parts) 415v, 50Hz, up to 7.5kw                              |      |                |
| 25   | To supply all materials, labours and transports to replace hermetic                                                                    | no   | 2380           |
| 23   | To supply all materials, labours and transports to replace hermetic                                                                    | 110  | 2360           |
|      | compressor including installation, brazing, purging system, vacuum,                                                                    |      |                |
|      | charging gas and testing and commissioning (included disposal of                                                                       |      |                |
|      | defective parts) 4/5v, 50Hz, up to 11.25kw                                                                                             |      |                |
| 26   | To supply all materials, labours and transports to replace new hermetic                                                                | no   | 714            |
|      | compressor including installation, brazing, purging system,                                                                            |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                                           |      |                |
|      | disposal of defective parts) 415v, 50Hz, up to 9,000 Btuh                                                                              |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 27   | To supply all materials, labours and transports to replace new hermetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   |                |
|      | compressor including installation, brazing, purging system, vacuum,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | 2380           |
|      | charging gas and testing and commissioning (included disposal of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
|      | defective parts) 415v, 50Hz,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 20   | up to 12,000 Btuh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | 2570           |
| 28   | To supply all materials, labours and transports to replace new                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 3570           |
|      | hermetic compressor including installation, brazing, purging system,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | disposal of defective parts) 415v, 50Hz, up to 18,000 Btuh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 29   | To supply all materials, labours and transports to replace new                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 5100           |
| 23   | To supply all materials, labours and transports to replace new                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 110  | 3100           |
|      | hermetic compressor including installation, brazing, purging system,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | disposal of defective parts) 415v, 50Hz, up to 26,000 Btuh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 30   | To supply all materials, labours and transports to replace new                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 5950           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | hermetic compressor including installation, brazing, purging system,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | disposal of defective parts) 415v, 50Hz, up to 38,000 Btuh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 31   | To supply all materials, labours and transports to replace new                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 8160           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | hermetic compressor including installation, brazing, purging system,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | disposal of defective parts) 415v, 50Hz, up to 52,000 Btuh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 32   | Rewinding of hermetic/semi-hermetic compressor, 415v, 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 4250           |
|      | in all of the second of the se |      |                |
|      | including renewal of bearing/bushing, strainer, filter drier, general                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system recharging gas and recommissioning up to 80kw                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 33   | Rewinding of hermetic/semi-hermetic compressor, 415v, 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 5100           |
| 33   | Newmanig of hermetic, semi-hermetic compressor, 413v, 30 mz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 110  | 3100           |
|      | including renewal of bearing/bushing , strainer, fileter drier, general                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | overhaul, replacing of gaskets flushing, vacuuming system recharging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | gas and recommissioning up to 120kw                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 34   | To supply all materials, labours and transports to replace semi-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 4250           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | hermetic ompressor inlcuded installation, brazing, purging system,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | vacuum, charging gas and testing and commissioning (included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | disposal of defective parts) 415v, 50Hz, up to 7.5kw                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
| 35   | To supply and replace termiN.A.l clip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 0.85           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 36   | To pressurize system and perform refrigerant leaks test with nitrogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | job  | 127.5          |
|      | up to 50 ton (Labour and nitrogen only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 37   | To pressurize system and perform to repair gas leaks, leak test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | job  | 170            |
|      | (after manain) nambers filter drive vascuum sustana and about a securit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | (after repair) replace filter drier, vacuum system and charge gas up to 20 ton.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 38   | To pressurize system and perform pressurise system and perform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | job  | 212.5          |
|      | 10 p. coodinge system and perform pressurise system and perform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,00  | 212.5          |
|      | leak test with nitrogen gas repair gas leaks, leak test (after repair)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| I    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ı    | 1              |

| S/No            | Description                                                                                                                                                                                                                                        | Unit | Unit Cost (\$) |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 39              | replace filter drier, vacuum system and charge gas up to 600,000 Btu<br>To supply labour, tools and materials to repair gas leaks, leak test (after                                                                                                | job  |                |
|                 | repair) vacuum system and charge gas (labour only) by tightening of loose parts.                                                                                                                                                                   | -    | 170            |
|                 | (Up to 20 RT)                                                                                                                                                                                                                                      |      |                |
| 40              | To supply labour, tools and materials to repair gas leaks, leak test (after repair) vacuum system and charge gas (labour only) By flaring, replacing of flare nuts (includes copper fitting) (Up to 50 RT)                                         | job  | 187            |
| 41              | To supply labour, tools and materials to repair gas leaks, leak test (after repair) vacuum system and charge gas (labour only) By brazing of cracks (include copper pipes copper fitting and modification of pipe lines) (Up to 100 RT and above.) | job  | 510            |
| 42 - 119<br>119 | N.A.  To supply and install flexible vibration absorber tube including                                                                                                                                                                             | no   | 102            |
| 113             |                                                                                                                                                                                                                                                    | 110  | 102            |
| 120             | brazing and flaring up to 1 3/8 To supply and install flexible vibration absorber tube including                                                                                                                                                   | no   | 119            |
| 121             | brazing and flaring up to 1 5/8                                                                                                                                                                                                                    | 20   | 170            |
| 121             | To supply and install flexible vibration absorber tube including                                                                                                                                                                                   | no   | 170            |
| 122             | brazing and flaring up to 2 1/8 To supply and replace Dual Pressure Switch-manual reset                                                                                                                                                            | no   | 136            |
| 122             | To supply and replace Dual Fressule Switch-manual reset                                                                                                                                                                                            | 110  | 130            |
| 123             | To supply and replace High Pressure Switch-manual reset (Range:8                                                                                                                                                                                   | no   | 119            |
| 124             | - 30 Kg/ sq cm).<br>To supply and replace High Pressure Switch-auto reset                                                                                                                                                                          | no   | 68             |
| 125             | To supply and replace Low Pressure Switch -auto reset                                                                                                                                                                                              | no   | 68             |
| 126             | To supply and replace Oil Pressure Switch                                                                                                                                                                                                          | no   | 72.25          |
| 127             | To supply and replace Suction or Discharge Pressure Gauge                                                                                                                                                                                          | no   | 72.25          |
| 128             | To supply and replace Water Flow Switch                                                                                                                                                                                                            | no   | 136            |
| 129             | To supply and replace Chilled Water Pressure Gauge                                                                                                                                                                                                 | no   | 68             |
| 130             | To supply and replace Condenser Water Pressure Gauge                                                                                                                                                                                               | no   | 68             |
| 131             | To supply and replace Thermometer                                                                                                                                                                                                                  | no   | 68             |
| 132             | To supply and replace Low Chilled Water Cut Out Switch                                                                                                                                                                                             | no   | 221            |
| 133             | To supply and replace Oil Pressure Safety Switch                                                                                                                                                                                                   | no   | 340            |
| 134             | To supply and replace Expansion Valves including brazing and                                                                                                                                                                                       | no   | 127.5          |
|                 | flaring up to 5 RT                                                                                                                                                                                                                                 |      |                |

| S/No | Description                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|------|----------------|
| 135  | To supply and replace Expansion Valves including brazing and                      | no   | 144.5          |
|      | flaring up to 10RT                                                                |      |                |
| 136  | To supply and replace Expansion Valves including brazing and                      | no   | 187            |
|      | flaring up to 12 RT                                                               |      |                |
| 137  | To supply and replace Expansion Valves including brazing and                      | no   | 238            |
|      |                                                                                   |      |                |
| 138  | flaring up to 15 RT  To supply and replace Expansion Valves including brazing and | no   | 272            |
| 138  | To supply and replace Expansion valves including brazing and                      | 110  | 272            |
|      | flaring up to 20 RT                                                               |      |                |
| 139  | To supply and replace Expansion Valves including brazing and                      | no   | 323            |
|      | flaring up to 25 RT                                                               |      |                |
| 140  | To supply and replace Expansion Valves including brazing and                      | no   | 589.05         |
|      | flaring up to 30 RT                                                               |      |                |
| 141  | To supply and replace Expansion Valves including brazing and                      | no   | 617.1          |
|      | g                                                                                 |      |                |
| 142  | flaring up to 35 RT  To supply and replace Expansion Valves including brazing and | no   | 654.5          |
|      | To cappy, and replace Expension varies metalling stating and                      |      | 05 1.5         |
| 142  | flaring up to 45 RT                                                               |      | 022.0          |
| 143  | To supply and replace Expansion Valves including brazing and                      | no   | 822.8          |
|      | flaring up to 75 RT                                                               |      |                |
| 144  | To supply and replace Liquid Line Filter Drier Up To 1/4 (6.5 mm)                 | no   | 51             |
|      | Diameter                                                                          |      |                |
| 145  | To supply and replace Liquid Line Filter Drier Up To 3/8" (9.6 mm)                | no   | 55.25          |
|      | diameter                                                                          |      |                |
| 146  | To supply and replace Liquid Line Filter Drier Up To 1/2" (12.7 mm)               | no   | 68             |
|      |                                                                                   |      |                |
| 147  | Diameter To supply and replace Liquid Line Filter Drier Up To 5/8 (16.0 mm)       | no   | 76.5           |
|      |                                                                                   |      | 70.0           |
| 140  | Diameter To supply and replace Liquid Line Filter Prior Lin To 3/4/10.1 mm)       | 20   | O.F.           |
| 148  | To supply and replace Liquid Line Filter Drier Up To 3/4 (19.1 mm)                | no   | 85             |
|      | Diameter                                                                          |      |                |
| 149  | To supply and replace Liquid Line Filter Drier Up To 1 (25.4 mm)                  | no   | 102            |
|      | Diameter                                                                          |      |                |
| 150  | To supply and replace Filter Drier Core All Sizes                                 | no   | 51             |
| 151  | To supply and replace Single Size Drier Core's Assembly (Housing)                 | no   | 221            |
|      |                                                                                   |      |                |
| 1    | c/w One Drier Core                                                                |      |                |

| S/No | Description                                                         | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------|------|----------------|
| 152  | To supply and replace Double Size Drier Core's Assembly             | no   | 255            |
|      | (Housing) c/w Two Drier                                             |      |                |
| 153  | To supply and replace Sight Glass with moisture indicator up to 1/4 | no   | 74.8           |
|      | x 1/4 (6.5 x 6.5mm)                                                 |      |                |
| 154  | To supply and replace Sight Glass with moisture indicator up to 3/8 | no   | 84.15          |
|      | x 3/8 (9.6 x 9.6 min)                                               |      |                |
| 155  | To supply and replace Sight Glass with moisture indicator up to 1/2 | no   | 59.5           |
|      | x 1/2 (12.7 x 12.7 m)                                               |      |                |
| 156  | To supply and replace Sight Glass with moisture indicator up to 5/8 | no   | 68             |
|      | x 5/8 (16.0 x 16.0 min)                                             |      |                |
| 157  | To supply and replace Sight Glass with moisture indicator up to 3/4 | no   | 76.5           |
|      | x 3/4 (19.1 x 19.1 min)                                             |      |                |
| 158  | To supply and replace Sight Glass with moisture indicator up to 1 x | no   | 85             |
|      | 1 (25.4 x 25.4 mm)                                                  |      |                |
| 159  | To supply and replace Solenoid Valve up to 6.5mm                    | no   | 74.8           |
| 160  | To supply and replace Solenoid Valve up to 12.7 mm                  | no   | 112.2          |
| 161  | To supply and replace Solenoid Valve up to 19.1 mm                  | no   | 149.6          |
| 162  | To supply and replace Solenoid Valve up to 25.4 mm                  | no   | 187            |
| 163  | To supply and replace Solenoid Valve up to 31.7 mm                  | no   | 280.5          |
| 164  | To supply and replace Solenoid Valve up to 38.1 mm                  | no   | 420.75         |
| 165  | To supply and replace Solenoid Valve up to 41.3 mm                  | no   | 607.75         |
| 166  | To supply and replace Solenoid Valve up to 44.5 mm                  | no   | 841.5          |
| 167  | To supply and install 6.5mm Dia Refrigerant pipe                    | m    | 5.53           |
| 168  | To supply and install 9.5 min Dia. Refrigerant pipe                 | m    | 6.38           |
| 169  | To supply and install 12.5 mm Dia. Refrigerant pipe                 | m    | 7.23           |
| 170  | To supply and install 16.0mm Dia. Refrigerant pipe                  | m    | 8.08           |
| 171  | To supply and install 19.0 min Dia. Refrigerant pipe                | m    | 8.5            |
| 172  | To supply and install 22.0mm Dia Refrigerant pipe                   | m    | 9.35           |
| 173  | To supply and install 28.5 mm Dia Refrigerant pipe                  | m    | 10.2           |

| S/No         | Description                                                       | Unit | Unit Cost (\$) |
|--------------|-------------------------------------------------------------------|------|----------------|
| 174-         | N.A.                                                              |      |                |
| 190          | Look Chack with Bo Insulation, nor Sorvice                        | no   | 2516           |
| 191          | Leak Check with Re-Insulation - per Service                       | no   | 2516           |
| 192          | Oil AN.A.lysis - Per Sample                                       | no   | 212.5          |
| 193          | Condenser Tube Cleaning                                           | no   | 1105           |
| 194          | Evaporator Tube Cleaning                                          | no   | 1530           |
| 195          | Supply of Starter Contactor                                       | no   | 731            |
| 196          | Supply of Annual Shutdown                                         | no   | 3145           |
| 197          | Supply of Expansion Valve                                         | no   | 1742.5         |
| 198          | Supply of Evaporator O-Ring (01 Side)                             | no   | 306            |
| 199          | Supply of Condenser O-Ring (01 Side)                              | no   | 306            |
| 200          | Supply of Safety Valve                                            | no   | 2856           |
| 201          | Supply of Filter Core                                             | no   | 323            |
| 202          | Heater Element                                                    | no   | 663            |
| 203          | Pressure Control                                                  | no   | 1687.25        |
| 204          | Pressure Control                                                  | no   | 1530           |
| 205          | Pressure Gauge                                                    | no   | 408            |
| 206          | Pressure Gauge                                                    | no   | 408            |
| 207          | Pressure Gauge                                                    | no   | 408            |
| 208          | Pump                                                              | no   | 4836.5         |
| 209          | Supply of Pump Motor                                              | no   | 3978           |
| 210          | Supply of Sensor                                                  | no   | 391            |
| 211          | Supply of Oil Temp Sensor                                         | no   | 382.5          |
| 212          | Supply of Protection Sensor                                       | no   | 382.5          |
| 213 -<br>322 | N.A.                                                              |      |                |
| 323          | To supply and replace fan housing up to 254 mm (10) Dia. Material | no   | 102            |
|              | fabricated heavy gauge galvanised steel BG 20 min                 |      |                |

| S/No | Description                                                                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 324  | To supply and replace fan housing up to 280 mm (11) Dia. material:                                                         | no   | 112.2          |
|      | fabricated beauty raying religions at a IRC 30 maining una                                                                 |      |                |
| 325  | fabricated heavy gauge galvanised steel BG 20 minimum  To supply and replace fan housing up to 305 mm (12) Dia. Material   | no   | 122.4          |
| 323  | To supply and replace fair floading up to 303 min (12) bia. Waterial                                                       | 110  | 122.4          |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 326  | To supply and replace fan housing up to 330 mm (13) Dia. material:                                                         | no   | 142.8          |
|      | fabricated beauty gauge galvaniced steel RC 20 minimum                                                                     |      |                |
| 327  | fabricated heavy gauge galvanised steel BG 20 minimum To supply and replace fan housing up to 355 Trim (14) Dia.           | no   | 163.2          |
| 327  | To supply and replace fall floading up to 333 frim (14) bla.                                                               | 1.0  | 103.2          |
|      | material: fabricated heavy gauge galvanised steel BG 20 minimum                                                            |      |                |
| 328  | To supply and replace fan housing up to 380 mm (15) Dia. material:                                                         | no   | 183.6          |
|      | fabricated beauty raying religions at all DC 30 minimum                                                                    |      |                |
| 329  | fabricated heavy gauge galvanised steel BG 20 minimum  To supply and replace fan housing up to 406 min (16) Dia. material: | no   | 224.4          |
| 323  | To supply and replace fair floading up to 400 min (10) bid. Material.                                                      | 110  | 224.4          |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 330  | To supply and replace fan housing up to 460 mm (18) Dia. material:                                                         | no   | 306            |
|      | fabricated beauty gauge galveniced steel RC 30 minimum                                                                     |      |                |
| 331  | fabricated heavy gauge galvanised steel BG 20 minimum  To supply and replace fan housing up to 508 mm (20) Dia. material:  | no   | 377.4          |
| 331  | To supply and replace fair floading up to 300 min (20) Bia. Material.                                                      | 1.0  | 377.4          |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 332  | To supply and replace fan housing up to 559 mm (22) Dia. material:                                                         | no   | 459            |
|      | fabricated headvy gauge galvanised steel BG20 minimum                                                                      |      |                |
| 333  | To supply and replace fan housing up to 610 mm (24) Dia. material:                                                         | no   | 561            |
|      | ( , )                                                                                                                      |      | 301            |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 334  | To supply and replace fan housing up to 712 mm (28) Dia. material:                                                         | no   | 663            |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 335  | To supply and replace fan housing up to 762mm (30) Dia. material:                                                          | no   | 765            |
|      |                                                                                                                            |      |                |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 336  | To supply and replace fan housing up to 915 mm (36) Dia. material:                                                         | no   | 969            |
|      | fabricated heavy gauge galvanised steel BG 20 minimum                                                                      |      |                |
| 337  | To replace fan blower wheel including alignment balancing &                                                                | no   | 170            |
|      |                                                                                                                            |      |                |
| 220  | commissioning up to 180mm x 180mm (7 x 7) single wheel                                                                     |      | 224            |
| 338  | To replace fan blower wheel including\alignment, balancing and                                                             | no   | 221            |
|      | commissioning up to 180mm x 180mm (7 x 7), double wheel (I unit                                                            |      |                |
|      | = 2nos)                                                                                                                    |      |                |
| 339  | To replace fan blower wheel including alignment, balancing and                                                             | no   | 187            |
|      | commissioning up to 190mm v 250mm /7 v 10\ single wheel                                                                    |      |                |
| 340  | commissioning up to 180mm x 250mm (7 x 10), single wheel To replace fan blower wheel including alignment, balancing and    | no   | 238            |
|      | 2                                                                                                                          |      |                |

| S/No | Description                                                                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | commissioning up 180mm x 250mm (7 x 10) duble wheel (1 unit =                                                             |      |                |
| 341  | 2 nos)  To replace fan blower wheel including alignment, balancing and                                                    | no   | 204            |
| 341  | To replace fall blower wheer including alignment, balancing and                                                           | 110  | 204            |
|      | commissioning up to 230mm x 230mm (9 x 9) single wheel                                                                    |      |                |
| 342  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 221            |
|      | 25 Avere (40 v 40) simple wheel                                                                                           |      |                |
| 343  | commissioning up to 254mm x 254mm (10 x 10) single wheel  To replace fan blower wheel including alignment, balancing and  | no   | 255            |
| 343  | To replace fall blower wheel including diffillency, building and                                                          | 110  | 233            |
|      | commissioning up to 305mm x 305mm (12 x 12), single wheel                                                                 |      |                |
| 344  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 323            |
| 345  | commissioning up to 380mm x 380mm (15 x 15), single wheel  To replace fan blower wheel including alignment, balancing and | no   | 408            |
| 343  | commissioning up to 460mm x 460mm (18 x 18) single wheel                                                                  | 110  | 406            |
| 346  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 450.5          |
|      | commissioning up to 460mm x 610mm (18 x 24) single wheel                                                                  |      |                |
| 347  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 807.5          |
|      | commissioning up to 500mm x 500mm (20 x 20), single wheel                                                                 |      |                |
| 348  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 935            |
|      |                                                                                                                           |      |                |
|      | commissioning up to 550mm x 550mm (22 x 22) single wheel                                                                  |      |                |
| 349  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 1062.5         |
|      | commissioning up to 625mm x 625mm (25 x 25), single wheel                                                                 |      |                |
| 350  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 1105           |
|      |                                                                                                                           |      |                |
| 351  | commissioning up to 625mm x 700mm (25 x 28), single wheel  To replace fan blower wheel including alignment, balancing and | no   | 1222 5         |
| 221  | To replace fall blower wheel including alignment, balancing and                                                           | no   | 1232.5         |
|      | commissioning up to 700mm x 700mm (28 x 28) single wheel                                                                  |      |                |
| 352  | To replace fan blower wheel including alignment, balancing and                                                            | no   | 1275           |
|      | commissioning up to 700mm v 750mm (28 v 20) single wheel                                                                  |      |                |
| 353  | commissioning up to 700mm x 750mm (28 x 30), single wheel  To replace fan blower wheel including alignment, balancing and | no   | 1360           |
|      |                                                                                                                           |      | 1300           |
|      | commissioning up to 750mm x 750mm (30 x 30), single wheel                                                                 |      |                |
| 354  | To supply labour and materials to replace pillow block bearings up                                                        | no   | 76.5           |
|      | to 1/2 (12.7mm) dia                                                                                                       |      |                |
| 355  | To supply labour and materials to replace pillow block bearings up                                                        | no   | 102            |
|      |                                                                                                                           |      |                |
| 356  | to 3/4 (19.05mm) dia.                                                                                                     |      | 427.5          |
| 356  | To supply labour and materials to replace pillow block bearings up                                                        | no   | 127.5          |
|      | to 1 (25.4mm) Dia.                                                                                                        |      |                |
| 357  | To supply labour and materials to replace pillow block bearings up                                                        | no   | 168.3          |
|      |                                                                                                                           |      |                |
|      | to 1 1/2 (38.1mm) Dia.                                                                                                    |      |                |

| S/No | Description                                                                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------|------|----------------|
| 358  | To supply labour and materials to replace pillow block bearings up                                      | no   | 204            |
|      | to 1 7/8 (47.63mm) dia                                                                                  |      |                |
| 359  | To supply labour and materials to replace pillow block bearings up                                      | no   | 224.4          |
|      |                                                                                                         |      |                |
|      | to 2 (50.8mm) dia.                                                                                      |      |                |
| 360  | To supply labour and materials to replace pillow block bearings up                                      | no   | 244.8          |
|      | to 2 1/2 (63.5mm) Dia.                                                                                  |      |                |
| 361  | To supply labour and materials to replace pillow block bearings up                                      | no   | 285.6          |
| 001  | To supply lander and materials to replace place and seem to see any                                     |      | 203.0          |
|      | to 3 (76.2mm) Dia                                                                                       |      |                |
| 362  | To supply and replace steel shaft including machine key, key way                                        | no   | 204            |
|      |                                                                                                         |      |                |
| 262  | and end threads up to 3/4 (19mm) dia                                                                    |      | 2246           |
| 363  | To supply and replace steel shaft including machine key, key way                                        | no   | 234.6          |
|      | and end threads up to 1 (25.4mm) dia                                                                    |      |                |
| 364  | to supply and replace steel shaft including machine key, key way                                        | no   | 275.4          |
|      |                                                                                                         |      |                |
|      | and end theads up to 1 1/4 (32mm) dia                                                                   |      |                |
| 365  | To supply and replace steel shaft including machine key, key way                                        | no   | 326.4          |
|      | and and threads up to 1.1/2/20mm) dis                                                                   |      |                |
| 366  | and end threads up to 1 1/2 (38mm) dia To supply and replace steel shaft including machine key, key way | no   | 377.4          |
| 300  | To supply and replace steel share including machine key, key way                                        | 110  | 377.4          |
|      | and end threads up to 15/8 (41mm) dia                                                                   |      |                |
| 367  | To supply and replace steel shaft including machine key, key way                                        | no   | 428.4          |
|      |                                                                                                         |      |                |
| 260  | and end threads up to 1 3/4 (45mm) Dia.                                                                 | 20   | 470.4          |
| 368  | To supply and replace steel shaft including machine key, key way                                        | no   | 479.4          |
|      | and end threads up to 2 (50mm) dia                                                                      |      |                |
| 369  | To supply and replace steel shaft including machine key, key way                                        | no   | 561            |
|      |                                                                                                         |      |                |
|      | and end threads up to 2 1/4 (57mm) dia.                                                                 |      |                |
| 370  | To supply and replace steel shaft including machine key, key way                                        | no   | 714            |
|      | and end threads up to 2 5/8 (70mm) dia                                                                  |      |                |
| 371  | To supply labour, tool and transport for the repair of steel shaft                                      | no   | 127.5          |
|      |                                                                                                         |      |                |
|      | including machining key, keyway, threads & etc.                                                         |      |                |
| 372  | To supply and replace pulley up to 100mm dia x A1                                                       | no   | 122.4          |
| 373  | To supply and replace pulley up to 100mm dia x A2                                                       | no   | 122.4          |
| 3/3  | To supply and replace pulley up to 100mm and x A2                                                       | no   | 122.4          |
| 374  | To supply and replace pulley up to 114m dia x A1                                                        | no   | 132.6          |
|      |                                                                                                         |      |                |
| 375  | To supply and replace pulley up to 114m dia x A2                                                        | no   | 132.6          |
|      |                                                                                                         |      |                |

| S/No | Description                                                                                                                                                                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 376  | To supply and replace pulley up to 100mm dia x B1                                                                                                                                                                          | no   | 122.4          |
| 377  | To supply and replace pulley up to 100mm dia x B2                                                                                                                                                                          | no   | 132.6          |
| 378  | To supply and replace pulley up to 114mm dia x B1                                                                                                                                                                          | no   | 132.6          |
| 379  | To supply and replace pulley up to 114mm dia x B2                                                                                                                                                                          | no   | 142.8          |
| 380  | To supply and replace pulley up to 254mm dia x B1                                                                                                                                                                          | no   | 153            |
| 381  | To supply and replace pulley up to 254mm dia x B2                                                                                                                                                                          | no   | 163.2          |
| 382  | To supply and replace pulley up to 305mm (12) dia x B1                                                                                                                                                                     | no   | 163.2          |
| 383  | To supply and replace pulley up to 305mm (12) dia x B2                                                                                                                                                                     | no   | 173.4          |
| 384  | To supply and replace pulley up to 355mm (14) dia x B1                                                                                                                                                                     | no   | 173.4          |
| 385  | To supply and replace pulley up to 355mm (14) dia x B2                                                                                                                                                                     | no   | 193.8          |
| 386  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                    | no   | 106.25         |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for single A groove pulley up to SPA 112 x 1                                                                          |      |                |
| 387  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                    | no   | 114.75         |
| 388  | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for single A groove pulley up to SPA 140 x I  To supply all labour, materials, transport and tools to replace/install | no   | 127.5          |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                             |      |                |
|      | aligning and commissioning the system for single A groove pulley up to SPA 180 x I                                                                                                                                         |      |                |
| 389  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                    | no   | 136            |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for single A groove pulley up to SPA 200 x I                                                                          |      |                |
| 390  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                    | no   | 119            |
|      | taper lock pulley (complete with bush and max. bore) including aligning and coriumissioning the system for single B groove pulley up to SPB 132 x I                                                                        |      |                |
| 391  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                    | no   | 127.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for single B groove pulley up to SPB 150 x I                                                                          |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 392  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 144.5          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for single B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | up to SPB 170 x 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 393  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 161.5          |
|      | tanar lask mullay (complete with bush and may bara) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
|      | taper lock pulley (complete with bush and max. bore) including aligning and cormmissioning the system for single B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
|      | up to SPB 190 x I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 394  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 178.5          |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for single B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
|      | up to SPB 224 x I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 395  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 195.5          |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for single B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
|      | up to SPB 250 x I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 396  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 153            |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for double B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
| 207  | up to SPB 140 x 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | 161 5          |
| 397  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 161.5          |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for double B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
| 398  | up to SPB 160 x 2  To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no   | 178.5          |
| 336  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 110  | 176.5          |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for double B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
| 399  | up to SPB 180 x 2  To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no   | 187            |
|      | To deplace, materials, |      | 157            |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for double B groove pulley up to SPB 200 x 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 400  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 204            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | taper lock pulley (complete with bush and max. bore) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | aligning and commissioning the system for double B groove pulley up to SPB 224 x 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 401  | To supply all labour, materials, transport and tools to replace/install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 212.5          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for double B groove pulley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | up to SPB 250 x 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| ı    | ı ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1    | ı              |

| S/No | Description                                                                                                                                       | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 402  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 229.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for double B groove pulley                   |      |                |
|      | up to SPB 300 x 2                                                                                                                                 |      |                |
| 403  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 280.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for double B groove pulley up to SPB 355 x 2 |      |                |
| 404  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 178.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for double B groove pulley up to SPB 140 x 3 |      |                |
| 405  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 221            |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for triple B groove pulley up to SPB 200 x 3 |      |                |
| 406  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 238            |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for triple B groove pulley up to SPB 224 x 3 |      |                |
| 407  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 263.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for triple B groove pulley up to SPB 250 x 3 |      |                |
| 408  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 314.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for triple B groove pulley up to SPB 355 x 3 |      |                |
| 409  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 399.5          |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for triple B groove pulley up to SPB 400 x 3 |      |                |
| 410  | To supply all labour, materials, transport and tools to replace/install                                                                           | no   | 476            |
|      | taper lock pulley (complete with bush and max. bore) including aligning and commissioning the system for triple B groove pulley up to SPB 500 x 3 |      |                |
| 411  | Supply and install Air Filter Holding aluminium frame for size of 12"                                                                             | no   | 25.5           |
| 412  | x 12" x 2" Supply and install Air Filter Holding aluminium frame for size of 12"                                                                  | no   | 34             |
|      | x 24" x 2"                                                                                                                                        |      |                |

| S/No | Description                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------|------|----------------|
| 413  | Supply and install Air Filter Holding aluminium frame for size of 20"            | no   | 42.5           |
|      | x 24" x 2"                                                                       |      |                |
| 414  | Supply and install Air Filter Holding aluminium frame for size of 24"            | no   | 51             |
|      | 2411 211                                                                         |      |                |
| 415  | x 24" x 2" Supply and install Air Filter Holding aluminium frame for size of 12" | no   | 42.5           |
|      | -                                                                                |      | 12.3           |
| 41.6 | x 12" x 3"                                                                       |      | <b>5</b> 4     |
| 416  | Supply and install Air Filter Holding aluminium frame for size of 12"            | no   | 51             |
|      | x 24" x 3"                                                                       |      |                |
| 417  | Supply and install Air Filter Holding aluminium frame for size of 20"            | no   | 59.5           |
|      | x 24" x 3"                                                                       |      |                |
| 418  | Supply and install Air Filter Holding aluminium frame for size of 24"            | no   | 68             |
|      | x 24" x 3"                                                                       |      |                |
| 419  | Supply and install Air Filter Holding aluminium frame for size of 12"            | no   | 51             |
|      | 1011 111                                                                         |      |                |
| 420  | x 12" x 4" Supply and install Air Filter Holding aluminium frame for size of 12" | no   | 59.5           |
| 420  | -                                                                                | 110  | 33.3           |
| 424  | x 24" x 4"                                                                       |      | 60             |
| 421  | Supply and install Air Filter Holding aluminium frame for size of 20"            | no   | 68             |
|      | x 24" x 4"                                                                       |      |                |
| 422  | Supply and install Air Filter Holding aluminium frame for size of 24"            | no   | 76.5           |
|      | x 24" x 4"                                                                       |      |                |
| 423  | To supply and replace permanent washable air filter mats with 85%                | no   | 8.5            |
|      | efficiency complete filter frame thickness up to 4mm, Total surface              |      |                |
|      | area up to 0.2 sq m                                                              |      |                |
| 424  | To supply and replace permanent washable air filter mats with 85%                | no   | 18.7           |
|      | efficiency complete filter frame thickness up to 4mm, Total surface              |      |                |
|      | area up to 0.5 sq m                                                              |      |                |
| 425  | To supply and replace permanent washable air filter mats with 85%                | no   | 17             |
|      | efficiency complete filter frame thickness up to 7mm, Total surface              |      |                |
|      | area up to 0.2 sq m                                                              |      |                |
| 426  | To supply and replace permanent washable air filter mats with 85%                | no   | 27.2           |
|      | efficiency complete filter frame thickness up to 7mm, Total surface              |      |                |
|      | area up to 0.5 sq m                                                              |      |                |
| 427  | To supply and replace permanent washable air filter mats with 85%                | no   | 37.4           |
|      | efficiency complete filter frame thickness up to 7mm, Total surface              |      |                |
|      | area up to 0.8 sq m                                                              |      |                |

| S/No | Description                                                                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 428  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 51             |
|      | efficiency complete filter frame thickness up to 7mm, Total surface area up to 1 sq m                                                  |      |                |
| 429  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 22.1           |
|      | efficiency complete filter frame thickness up to 13mm, Total surface area up to 0.2 sq m                                               |      |                |
| 430  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 32.3           |
|      | efficiency complete filter frame thickness up to 13mm, Total surface area up to 0.5 sq m                                               |      |                |
| 431  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 42.5           |
|      | efficiency complete filter frame thickness up to 13mm, Total surface area up to 0.8 sq m                                               |      |                |
| 432  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 51             |
|      | efficiency complete filter frame thickness up to 13mm, Total surface area up to 1 sq m                                                 |      |                |
| 433  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 32.3           |
|      | efficiency complete filter frame thickness up to 20mm, Total surface area up to 0.2 sq m                                               |      |                |
| 434  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 47.6           |
|      | efficiency complete filter frame thickness up to 20mm, Total surface area up to 0.5 sq m                                               |      |                |
| 435  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 64.6           |
| 436  | efficiency complete filter frame thickness up to 20mm, Total surface To supply and replace permanent washable air filter mats with 85% | no   | 70.55          |
| 430  |                                                                                                                                        | 110  | 70.55          |
|      | efficiency complete filter frame thickness up to 20mm, Total surface area up to 1 sq m                                                 |      |                |
| 437  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 38.25          |
|      | efficiency complete filter frame thickness up to 26mm, Total surface area up to 0.2 sq m                                               |      |                |
| 438  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 51             |
|      | efficiency complete filter frame thickness up to 26mm, Total surface area up to 0.5 sq m                                               |      |                |
| 439  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 68             |
|      | efficiency complete filter frame thickness up to 26mm, Total surface area up to 0.8 sq m                                               |      |                |
| 440  | To supply and replace permanent washable air filter mats with 85%                                                                      | no   | 136            |
|      | efficiency complete filter frame thickness up to 26mm, Total surface area up to 1 sq m                                                 |      |                |

| S/No | Description                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------|------|----------------|
| 441  | To supply and replace permanent washable air filter mats with 85%                       | no   | 6.8            |
|      | efficiency without filter frame thickness up to 4mm, Total surface area up to 0.2 sq m  |      |                |
| 442  | To supply and replace permanent washable air filter mats with 85%                       | job  | 11.9           |
|      | efficiency without filter frame thickness up to 4mm, Total surface area up to 0.5 sq m  |      |                |
| 443  | To supply and replace permanent washable air filter mats with 85%                       | job  | 10.2           |
|      | efficiency without filter frame thickness up to 7mm, Total surface area up to 0.2 sq m  |      |                |
| 444  | To supply and replace permanent washable air filter mats with 85%                       | job  | 18.7           |
|      | efficiency without filter frame thickness up to 7mm, Total surface area up to 0.5 sq m  |      |                |
| 445  | To supply and replace permanent washable air filter mats with 85%                       | job  | 25.5           |
|      | efficiency complete filter frame thickness up to 7mm, Total surface area up to 0.8 sq m |      |                |
| 446  | To supply and replace permanent washable air filter mats with 85%                       | no   | 39.1           |
|      | efficiency without filter frame thickness up to 7mm, Total surface area up to 1 sq m    |      |                |
| 447  | To supply and replace permanent washable air filter mats with 85%                       | no   | 15.3           |
|      | efficiency without filter frame thickness up to 13mm, Total surface area up to 0.2 sq m |      |                |
| 448  | To supply and replace permanent washable air filter mats with 85%                       | job  | 23.8           |
|      | efficiency without filter frame thickness up to 13mm, Total surface area up to 0.5sq m  |      |                |
| 449  | To supply and replace permanent washable air filter mats with 85%                       | job  | 32.3           |
|      | efficiency without filter frame thickness up to 13mm, Total surface area up to 0.8 sq m |      |                |
| 450  | To supply and replace permanent washable air filter mats with 85%                       | job  | 40.8           |
|      | efficiency without filter frame thickness up to 13mm, Total surface area up to 1sq m    |      |                |
| 451  | To supply and replace permanent washable air filter mats with 85%                       | job  | 23.8           |
|      | efficiency wihtout filter frame thickness up to 20mm, Total surface area up to 0.2 sq m |      |                |
| 452  | To supply and replace permanent washable air filter mats with 85%                       | job  | 36.55          |
|      | efficiency without filter frame thickness up to 20mm, Total surface area up to 0.5 sq m |      |                |
| 453  | To supply and replace permanent washable air filter mats with 85%                       | job  | 49.3           |
|      | efficiency without filter frame thickness up to 20mm, Total surface                     |      |                |

| S/No | Description                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 454  | area up to 0.8 sq m  To supply and replace permanent washable air filter mats with 85%                                                                                                                                       | job  | 62.05          |
| 455  | efficiency without filter frame thickness up to 20mm, Total surface area up to 1 sq m  To supply and replace permanent washable air filter mats with 85% efficiency without filter frame thickness up to 26mm, Total surface | job  | 22.95          |
| 456  | area up to 0.2 sq m  To supply and replace permanent washable air filter mats with 85%                                                                                                                                       | job  | 36.55          |
| 457  | efficiency without filter frame thickness up to 26mm, Total surface area up to 0.5 sq m  To supply and replace permanent washable air filter mats with 85%                                                                   | job  | 50.15          |
| 458  | efficiency without filter frame thickness up to 26mm, Total surface area up to 0.8 sq m  To supply and replace permanent washable air filter mats with 85%                                                                   | no   | 63.75          |
| 459  | efficiency without filter frame thickness up to 26mm, Total surface area up to 1 sq m To supply all labour, matrials, transport and tools to replace                                                                         | no   | 25.5           |
| 460  | AHUs/FCUs belting A belt for all sizes. To supply all labour, matrials, transport and tools to repalce                                                                                                                       | no   | 34             |
| 461  | AHUs/FCUs belting B belt for all sizes.  To supply all labour, matrials, transport and tools to repalce                                                                                                                      | no   | 42.5           |
| 462  | AHUs/FCUs belting C belt for all sizes. Supply and install AHU up to 3 refrigerant tonnes (RT)                                                                                                                               | no   | 3221.5         |
| 463  | Supply and install AHU up to 4 refrigerant tonnes (RT)                                                                                                                                                                       | no   | 3306.5         |
| 464  | Supply and install AHU up to 5 refrigerant tonnes (RT)                                                                                                                                                                       | no   | 3400           |
| 465  | Supply and install AHU up to 6 refrigerant tonnes (RT)                                                                                                                                                                       | no   | 3604           |
| 466  | Supply and install AHU up to 7 refrigerant tonnes (RT)                                                                                                                                                                       | no   | 3825           |
| 467  | Supply and install AHU up to 8 refrigerant tonnes (RT)                                                                                                                                                                       | no   | 4003.5         |
| 468  | Supply and install AHU up to 9 refrigerant tonnes (RT)                                                                                                                                                                       | no   | 4250           |
| 469  | Supply and install AHU up to 10 refrigerant tonnes (RT)                                                                                                                                                                      | no   | 4496.5         |
| 470  | Supply and install AHU up to 11 refrigerant tonnes (RT)                                                                                                                                                                      | no   | 4785.5         |
| 471  | Supply and install AHU up to 12 refrigerant tonnes (RT)                                                                                                                                                                      | no   | 5023.5         |

| S/No | Description                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------|------|----------------|
| 472  | Supply and install AHU up to 13 refrigerant tonnes (RT) | no   | 5304           |
| 473  | Supply and install AHU up to 14 refrigerant tonnes (RT) | no   | 5550.5         |
| 474  | Supply and install AHU up to 15 refrigerant tonnes (RT) | no   | 5831           |
| 475  | Supply and install AHU up to 16 refrigerant tonnes (RT) | no   | 6069           |
| 476  | Supply and install AHU up to 17 refrigerant tonnes (RT) | no   | 6358           |
| 477  | Supply and install AHU up to 18 refrigerant tonnes (RT) | no   | 6604.5         |
| 478  | Supply and install AHU up to 19refrigerant tonnes (RT)  | no   | 6893.5         |
| 479  | Supply and install AHU up to 20 refrigerant tonnes (RT) | no   | 7140           |
| 480  | Supply and install AHU up to 21 refrigerant tonnes (RT) | no   | 7429           |
| 481  | Supply and install AHU up to 22 refrigerant tonnes (RT) | no   | 7692.5         |
| 482  | Supply and install AHU up to 23 refrigerant tonnes (RT) | no   | 7956           |
| 483  | Supply and install AHU up to 24 refrigerant tonnes (RT) | no   | 8202.5         |
| 484  | Supply and install AHU up to 25 refrigerant tonnes (RT) | no   | 8491.5         |
| 485  | Supply and install AHU up to 26 refrigerant tonnes (RT) | no   | 8604.55        |
| 486  | Supply and install AHU up to 27 refrigerant tonnes (RT) | no   | 8763.5         |
| 487  | Supply and install AHU up to 28 refrigerant tonnes (RT) | no   | 8882.5         |
| 488  | Supply and install AHU up to 29 refrigerant tonnes (RT) | no   | 9044           |
| 489  | Supply and install AHU up to 30 refrigerant tonnes (RT) | no   | 9367           |
| 490  | Supply and install AHU up to 31 refrigerant tonnes (RT) | no   | 9741           |
| 491  | Supply and install AHU up to 32 refrigerant tonnes (RT) | no   | 10064          |
| 492  | Supply and install AHU up to 33 refrigerant tonnes (RT) | no   | 10200          |
| 493  | Supply and install AHU up to 34 refrigerant tonnes (RT) | no   | 10285          |
| 494  | Supply and install AHU up to 35 refrigerant tonnes (RT) | no   | 10421          |
| 495  | Supply and install AHU up to 36 refrigerant tonnes (RT) | no   | 10685.35       |
| 496  | Supply and install AHU up to 37 refrigerant tonnes (RT) | no   | 10999          |
| l    |                                                         |      |                |

| S/No | Description                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------|------|----------------|
| 497  | Supply and install AHU up to 38 refrigerant tonnes (RT) | no   | 11262.5        |
| 498  | Supply and install AHU up to 39 refrigerant tonnes (RT) | no   | 11577          |
| 499  | Supply and install AHU up to 40 refrigerant tonnes (RT) | no   | 11832          |
| 500  | Supply and install AHU up to 41 refrigerant tonnes (RT) | no   | 11985          |
| 501  | Supply and install AHU up to 42 refrigerant tonnes (RT) | no   | 12089.55       |
| 502  | Supply and install AHU up to 43 refrigerant tonnes (RT) | no   | 12231.5        |
| 503  | Supply and install AHU up to 44 refrigerant tonnes (RT) | no   | 12342          |
| 504  | Supply and install AHU up to 45 refrigerant tonnes (RT) | no   | 12486.5        |
| 505  | Supply and install AHU up to 46 refrigerant tonnes (RT) | no   | 12605.5        |
| 506  | Supply and install AHU up to 47 refrigerant tonnes (RT) | no   | 12750          |
| 507  | Supply and install AHU up to 48 refrigerant tonnes (RT) | no   | 12860.5        |
| 508  | Supply and install AHU up to 49 refrigerant tonnes (RT) | no   | 13064.5        |
| 509  | Supply and install AHU up to 50 refrigerant tonnes (RT) | no   | 13234.5        |
| 510  | Supply and install AHU up to 51 refrigerant tonnes (RT) | no   | 13447          |
| 511  | Supply and install AHU up to 52 refrigerant tonnes (RT) | no   | 13608.5        |
| 512  | Supply and install AHU up to 53 refrigerant tonnes (RT) | no   | 13821          |
| 513  | Supply and install AHU up to 54 refrigerant tonnes (RT) | no   | 13991          |
| 514  | Supply and install AHU up to 55 refrigerant tonnes (RT) | no   | 14195          |
| 515  | Supply and install AHU up to 56 refrigerant tonnes (RT) | no   | 14365          |
| 516  | Supply and install AHU up to 57 refrigerant tonnes (RT) | no   | 14577.5        |
| 517  | Supply and install AHU up to 58 refrigerant tonnes (RT) | no   | 14934.5        |
| 518  | Supply and install AHU up to 59 refrigerant tonnes (RT) | no   | 16175.5        |
| 519  | Supply and install AHU up to 60 refrigerant tonnes (RT) | no   | 15682.5        |
| 520  | Supply and install AHU up to 61 refrigerant tonnes (RT) | no   | 15971.5        |
| 521  | Supply and install AHU up to 62 refrigerant tonnes (RT) | no   | 16226.5        |
| l    |                                                         | l    | I !            |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
| 522  | Supply and install AHU up to 63 refrigerant tonnes (RT)                        | no   | 16515.5        |
| 523  | Supply and install AHU up to 64 refrigerant tonnes (RT)                        | no   | 16770.5        |
| 524  | Supply and install AHU up to 65 refrigerant tonnes (RT)                        | no   | 17059.5        |
| 525  | Supply and install AHU up to 66 refrigerant tonnes (RT)6                       | no   | 17314.5        |
| 526  | Supply and install AHU up to 67 refrigerant tonnes (RT)                        | no   | 17603.5        |
| 527  | Supply and install AHU up to 68 refrigerant tonnes (RT)                        | no   | 17858.5        |
| 528  | Supply and install AHU up to 69 refrigerant tonnes (RT)                        | no   | 18147.5        |
| 529  | Supply and install AHU up to 70 refrigerant tonnes (RT)                        | no   | 18751          |
| 530  | Supply and install AHU up to 71 refrigerant tonnes (RT)                        | no   | 19397          |
| 531  | Supply and install AHU up to 72 refrigerant tonnes (RT)                        | no   | 20000.5        |
| 532  | Supply and install AHU up to 73 refrigerant tonnes (RT)                        | no   | 20646.5        |
| 533  | Supply and install AHU WITH MIXING CHAMBER UP TO 3                             | no   | 3612.5         |
| 534  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 4     | no   | 3697.5         |
| 535  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 5     | no   | 3799.5         |
| 536  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 6     | no   | 4012           |
| 537  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 7     | no   | 4258.5         |
| 538  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 8     | no   | 4462.5         |
| 539  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 9     | no   | 4760           |
| 540  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 10    | no   | 5057.5         |
| 541  | refrigerant tonnes (RT)<br>Supply and install AHU WITH MIXING CHAMBER UP TO 11 | no   | 5423           |
| 542  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 12    | no   | 5729           |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
| 543  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 13    | no   | 6035           |
| 544  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 14    | no   | 6307           |
| 545  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 15    | no   | 6621.5         |
| 546  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 16    | no   | 6885           |
| 547  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 17    | no   | 7208           |
| 548  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 18    | no   | 7471.5         |
| 549  | refrigerant tonnes (RT)<br>Supply and install AHU WITH MIXING CHAMBER UP TO 19 | no   | 7777.5         |
| 550  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 20    | no   | 8041           |
| 551  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 21    | no   | 8355.5         |
| 552  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 22    | no   | 8619           |
| 553  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO23     | no   | 8925           |
| 554  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 24    | no   | 9197           |
| 555  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 25    | no   | 9503           |
| 556  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 26    | no   | 9622           |
| 557  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 27    | no   | 9477.5         |
| 558  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 28    | no   | 9894           |
| 559  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 29    | no   | 10055.5        |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
| 560  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 30 | no   | 10387          |
| 561  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 31 | no   | 10914          |
| 562  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 32 | no   | 11398.5        |
| 563  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 33 | no   | 11534.5        |
| 564  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 34 | no   | 11619.5        |
| 565  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 35 | no   | 11755.5        |
| 566  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 36 | no   | 12078.5        |
| 567  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 37 | no   | 12444          |
| 568  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 38 | no   | 12775.5        |
| 569  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 39 | no   | 13141          |
| 570  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 40 | no   | 13472.5        |
| 571  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 41 | no   | 13642.5        |
| 572  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 42 | no   | 13778.5        |
| 573  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 43 | no   | 13957          |
| 574  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 44 | no   | 14093          |
| 575  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 45 | no   | 14271.5        |
| 576  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 46 | no   | 14424.5        |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
| 577  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 47 | no   | 14603          |
| 578  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 48 | no   | 14739          |
| 579  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 49 | no   | 14960          |
| 580  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 50 | no   | 15147          |
| 581  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 51 | no   | 15368          |
| 582  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 52 | no   | 15555          |
| 583  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 53 | no   | 15784.5        |
| 584  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 54 | no   | 15963          |
| 585  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 55 | no   | 16192.5        |
| 586  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 56 | no   | 16371          |
| 587  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 57 | no   | 16541          |
| 588  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 58 | no   | 17025.5        |
| 589  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 59 | no   | 17484.5        |
| 590  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 60 | no   | 17909.5        |
| 591  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 61 | no   | 18232.5        |
| 592  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 62 | no   | 18513          |
| 593  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 63 | no   | 18836          |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
| 594  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 64 | no   | 19116.5        |
| 595  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 65 | no   | 19439.5        |
| 596  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 66 | no   | 19720          |
| 597  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 67 | no   | 20043          |
| 598  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 68 | no   | 20323.5        |
| 599  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 69 | no   | 20655          |
| 600  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 70 | no   | 21377.5        |
| 601  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 71 | no   | 22134          |
| 602  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 72 | no   | 22856.5        |
| 603  | refrigerant tonnes (RT) Supply and install AHU WITH MIXING CHAMBER UP TO 73 | no   | 23621.5        |
| 604  | refrigerant tonnes (RT) To supply and install Exposed FCU 6580 to 7580 Btuh | no   | 680            |
| 605  | To supply and install Exposed FCU 11400 to 12440 Btuh                       | no   | 756.5          |
| 606  | To supply and install Exposed FCU 16990 to 17990 Btuh                       | no   | 875.5          |
| 607  | To supply and install Exposed FCU 23000 to 24000 Btuh                       | no   | 1207           |
| 608  | To supply and install Exposed FCU 30500 to 31500 Btuh                       | no   | 1445           |
| 609  | To supply and install Exposed FCU 6580 to 7580 Btuh                         | no   | 544            |
| 610  | To supply and install ducted concealed FCU 11400 to 12440 Btuh              | no   | 641.75         |
| 611  | To supply and install ducted concealed FCU 16990 to 17990 Btuh              | no   | 688.5          |
| 612  | To supply and install ducted concealed FCU 233000 to 24000 Btuh             | no   | 986            |
| 613  | To supply and install ducted concealed FCU 30500 to 31500 Btuh              | no   | 1241           |

| S/No | Description                                                                                                                                                                                                             | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 614  | To supply and install ducted concealed FCU 6580 to 7580 Btuh                                                                                                                                                            | no   | 586.5          |
| 615  | To supply and install ducted concealed FCU 11400 to 12440 Btuh                                                                                                                                                          | no   | 663            |
| 616  | To supply and install ducted concealed FCU 16990 to 17990 Btuh                                                                                                                                                          | no   | 833            |
| 617  | To supply and install ducted concealed FCU 23000 to 24000 Btuh                                                                                                                                                          | no   | 1071           |
| 618  | To supply and install ducted concealed FCU 30500 to 31500 Btuh                                                                                                                                                          | no   | 1419.5         |
| 619  | To dismantle AHU or FCU up to 5 ton                                                                                                                                                                                     | no   | 195.5          |
| 620  | To dismantle AHU or FCU up to 10 ton                                                                                                                                                                                    | no   | 229.5          |
| 621  | To dismantle AHU or FCU up to 15 ton                                                                                                                                                                                    | no   | 272            |
| 622  | To dismantle AHU or FCU up to 20 ton                                                                                                                                                                                    | no   | 314.5          |
| 623  | To dismantle AHU or FCU up to 30 ton                                                                                                                                                                                    | no   | 357            |
| 624  | To dismantle AHU or FCU up to 30 ton                                                                                                                                                                                    | no   | 433.5          |
| 625  | To supply labour and materials for the servicing, checking and                                                                                                                                                          | no   | 51             |
| 626  | cleaning of cooling tower and greasing of all bearings for cooling tower up to 50 RT  To supply labour and materials for the servicing, checking and cleaning of cooling tower and greasing of all bearings for cooling | no   | 68             |
| 627  | tower up to 150 RT  To supply labour and materials for the servicing, checking and                                                                                                                                      | no   | 76.5           |
| 628  | cleaning of cooling tower and greasing of all bearings for cooling tower up to 300 RT  To supply labour and materials for the servicing, checking and                                                                   | no   | 89.25          |
| 629  | cleaning of cooling tower and greasing of all bearings for cooling tower up to 500 RT  To supply labour and materials for the servicing, checking and                                                                   | no   | 97.75          |
| 630  | cleaning of cooling tower and greasing of all bearings for cooling tower up to 800 RT  To supply labour and materials for the servicing, checking and                                                                   | no   | 119            |
| 631  | cleaning of cooling tower and greasing of all bearings for cooling tower up to 1000 RT and above  To supply and replace tower support stand up to 50 RT                                                                 | set  | 327.25         |
| 632  | To supply and replace tower support stand up to 100 RT                                                                                                                                                                  | set  | 420.75         |
| 552  |                                                                                                                                                                                                                         |      | 720.73         |

| S/No | Description                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------|------|----------------|
| 633  | To supply and replace tower support stand up to 200 RT          |      | 635.8          |
| 634  | To supply and replace tower support stand up to 300 RT          |      | 935            |
| 635  | To supply and replace tower support stand up to 400 RT          | set  | 1309           |
| 636  | To supply and replace tower support stand up to 500 RT          | set  | 1683           |
| 637  | To supply and replace tower support stand up to 600 RT          | set  | 1785           |
| 638  | To supply and replace tower support stand up to 700 RT          | set  | 1870           |
| 639  | To supply and replace tower support stand up to 1000 RT and     | set  | 1955           |
|      | above                                                           |      |                |
| 640  | To supply and replace Air Inlet Mesh or Louvre up to 20 RT      | set  | 170            |
| 641  | To supply and replace Air Inlet Mesh or Louvre up to 40 RT      | set  | 255            |
| 642  | To supply and replace Air Inlet Mesh or Louvre up to 50 RT      | set  | 327.25         |
| 643  | To supply and replace Air Inlet Mesh or Louvre up to 80 RT      | set  | 425            |
| 644  | To supply and replace Air Inlet Mesh or Louvre up to 100 RT     | set  | 467.5          |
| 645  | To supply and replace Air Inlet Mesh or Louvre up to 200 RT     | set  | 654.5          |
| 646  | To supply and replace Air Inlet Mesh or Louvre up to 300 RT     | set  | 794.75         |
| 647  | To supply and replace Air Inlet Mesh or Louvre up to 400 RT     | set  | 888.25         |
| 648  | To supply and replace Air Inlet Mesh or Louvre up to 500 RT     | set  | 1224           |
| 649  | To supply and replace Air Inlet Mesh or Louvre up to 600 RT     | set  | 1436.5         |
| 650  | To supply and replace Air Inlet Mesh or Louvre up to 700 RT     | set  | 1649           |
| 651  | To supply and replace Air Inlet Mesh or Louvre up to 800 RT and | set  | 1861.5         |
| 652  | above To supply and replace HONEYCOMB INFILL up to 20 RT        | set  | 144.5          |
|      |                                                                 |      |                |
| 653  | To supply and replace HONEYCOMB INFILL up to 40 RT              | set  | 255            |
| 654  | To supply and replace HONEYCOMB INFILL up to 50 RT              | set  | 748            |
| 655  | To supply and replace HONEYCOMB INFILL up to 100 RT             | set  | 1870           |
| 656  | To supply and replace HONEYCOMB INFILL up to 200 RT             | set  | 2805           |

| S/No | Description                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|------|----------------|
| 657  | To supply and replace HONEYCOMB INFILL up to 300 RT                               | set  | 4207.5         |
| 658  | To supply and replace HONEYCOMB INFILL up to 400 RT                               | set  | 6545           |
| 659  | To supply and replace HONEYCOMB INFILL up to 500 RT                               | set  | 9350           |
| 660  | To supply and replace HONEYCOMB INFILL up to 600 RT                               | set  | 10200          |
| 661  | To supply and replace HONEYCOMB INFILL up to 700 RT                               | set  | 11050          |
| 662  | To supply and replace HONEYCOMB INFILL up to 1000 RT and above                    | set  | 11900          |
| 663  | To supply and replace sprinkler pipe without elimiN.A.tor up to 50 RT             | No   | 233.75         |
| 664  | To supply and replace sprinkler pipe without elimiN.A.tor up to 100 RT            | No   | 327.25         |
| 665  | To supply and replace sprinkler pipe without elimiN.A.tor up to 200 RT            | No   | 420.75         |
| 666  | To supply and replace sprinkler pipe without elimiN.A.tor up to 300 RT            | No   | 467.5          |
| 667  | To supply and replace sprinkler pipe without elimiN.A.tor up to 400 RT            | No   | 561            |
| 668  | To supply and replace sprinkler pipe without elimiN.A.tor up to 500 RT            | No   | 701.25         |
| 669  | To supply and replace sprinkler pipe without elimiN.A.tor up to 600 RT            | No   | 770.95         |
| 670  | To supply and replace sprinkler pipe without elimiN.A.tor up to 700 RT            | No   | 848.3          |
| 671  | To supply and replace sprinkler pipe without elimiN.A.tor up to 1000 RT and above | No   | 933.3          |
| 672  | To supply and replace SPRINKLER HEAD up to 50 RT                                  | No   | 187            |
| 673  | To supply and replace SPRINKLER HEAD up to 100 RT                                 | No   | 280.5          |
| 674  | To supply and replace SPRINKLER HEAD up to 200 RT                                 | No   | 374            |
| 675  | To supply and replace SPRINKLER HEAD up to 300 RT                                 | No   | 467.5          |
| 676  | To supply and replace SPRINKLER HEAD up to 400 RT                                 | No   | 561            |
| 677  | To supply and replace SPRINKLER HEAD up to 500 RT                                 | No   | 654.5          |
| 678  | To supply and replace SPRINKLER HEAD up to 600 RT                                 | No   | 756.5          |
| 679  | To supply and replace SPRINKLER HEAD up to 700 RT                                 | No   | 867            |
| 680  | To supply and replace SPRINKLER HEAD up to 1000 RT                                | no   | 977.5          |
| 681  | To supply and replace NYLON REINFORCE FAN BLADE up to 20                          | no   | 212.5          |
|      | RT                                                                                |      |                |

| S/No | Description                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------|------|----------------|
| 682  | To supply and replace NYLON REINFORCE FAN BLADE up to 50                   | no   | 374            |
|      | RT                                                                         |      |                |
| 683  | To supply and replace Dia Cast Reinforce Fan Blade up to 100 RT            | no   | 748            |
|      |                                                                            |      |                |
| 684  | To supply and replace Die Cast Aluminium Alloy fan Blade up to             | no   | 1402.5         |
|      | 200 RT                                                                     |      |                |
| 685  | To supply and replace Die Cast Aluminium Alloy fan Blade up to             | no   | 2337.5         |
|      | 300 RT                                                                     |      |                |
| 686  | To supply and replace Die Cast Aluminium Alloy fan Blade up to             | no   | 2805           |
|      |                                                                            |      |                |
| 607  | 400 RT                                                                     | 20   | 4020 F         |
| 687  | To supply and replace Die Cast Aluminium Alloy fan Blade up to             | no   | 4020.5         |
|      | 500 RT                                                                     |      |                |
| 688  | To supply and replace Die Cast Aluminium Alloy fan Blade up to             | no   | 4824.6         |
|      | 600 RT                                                                     |      |                |
| 689  | To supply and replace Die Cast Aluminium Alloy fan Blade up to             | no   | 6490.6         |
|      | 1000 RT                                                                    |      |                |
| 690  | To supply and replace hot dipped galvanised netting fan guard up to        | no   | 374            |
|      |                                                                            |      |                |
| 691  | 50 RT To supply and replae hot dipped galvanised netting fan guard up to   | no   | 6545           |
| 091  | To supply and replac not dipped galvanised hetting fan guard up to         | no   | 654.5          |
|      | 100 RT                                                                     |      |                |
| 692  | To supply and replae hot dipped galvanised netting fan guard up to         | no   | 935            |
|      | 200 RT                                                                     |      |                |
| 693  | To supply and replae hot dipped galvanised netting fan guard up to         | no   | 1122           |
|      | 300 RT                                                                     |      |                |
| 694  | To supply and replae hot dipped galvanised netting fan guard up to         | no   | 1402.5         |
|      |                                                                            |      |                |
| 695  | 400 RT  To supply and replae hot dipped galvanised netting fan guard up to | no   | 1683           |
| 033  | To supply and replac flot dipped galvanised fletting fair guard up to      | 110  | 1005           |
|      | 500 RT                                                                     |      |                |
| 696  | To supply and replae hot dipped galvanised netting fan guard up to         | no   | 2040           |
|      | 600 RT                                                                     |      |                |
| 697  | To supply and replae hot dipped galvanised netting fan guard up to         | no   | 2363           |
|      | 700 RT                                                                     |      |                |
| 698  | To supply and replae hot dipped galvanised netting fan guard up to         | no   | 2694.5         |
|      | 1000 DT and above                                                          |      |                |
| l    | 1000 RT and above                                                          |      |                |

| S/No | Description                                                                                          | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------|------|----------------|
| 699  | To supply and replace hot dipped galvanised steel motor support                                      | no   | 280.5          |
| 700  | bracket up to 50 RT  To supply and replace hot dipped galvanised steel motor support                 | no   | 420.75         |
| 701  | bracket up to 100 RT  To supply and replace hot dipped galvanised steel motor support                | no   | 561            |
| 702  | bracket up to 200 RT To supply and replace hot dipped galvanised steel motor support                 | no   | 841.5          |
| 703  | bracket up to 300 RT  To supply and replace hot dipped galvanised steel motor support                | no   | 1122           |
| 704  | bracket up to 400 RT  To supply and replace hot dipped galvanised steel motor support                | no   | 1496           |
| 705  | bracket up to 500 RT To supply and replace hot dipped galvanised steel motor support                 | no   | 1795.2         |
| 706  | bracket up to 600 RT  To supply and replace hot dipped galvanised steel motor support                | no   | 2094.4         |
| 707  | bracket up to 700 RT To supply and replace hot dipped galvanised steel motor support                 | no   | 2393.6         |
| 708  | bracket up to 1000 RT and above<br>To supply and replace hot dipped galvanised steel ladder up to 50 | no   | 224.4          |
| 709  | RT To supply and replace hot dipped galvanised steel ladder up to 100                                | no   | 252.45         |
| 710  | RT To supply and replace hot dipped galvanised steel ladder up to 200                                | no   | 280.5          |
| 711  | RT To supply and replace hot dipped galvanised steel ladder up to 300                                | no   | 327.25         |
| 712  | RT To supply and replace hot dipped galvanised steel ladder up to 400                                | no   | 374            |
| 713  | RT To supply and replace hot dipped galvanised steel ladder up to 500                                | no   | 420.75         |
| 714  | RT To supply and replace hot dipped galvanised steel ladder up to                                    | no   | 467.5          |
| 715  | 1000 RT and above To supply and replace hot dipped galvanised steel infill support                   | no   | 327.25         |
|      | complete set up to 50 RT                                                                             |      |                |

| S/No | Description                                                         | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------|------|----------------|
| 716  | To supply and replace hot dipped galvanised steel infill support    | no   | 467.5          |
|      | complete set up to 100 RT                                           |      |                |
| 717  | To supply and replace hot dipped galvanised steel infill support    | no   | 748            |
|      |                                                                     |      |                |
| 74.0 | complete set up to 200 RT                                           |      | 025            |
| 718  | To supply and replace hot dipped galvanised steel infill support    | no   | 935            |
|      | complete set up to 300 RT                                           |      |                |
| 719  | To supply and replace hot dipped galvanised steel infill support    | no   | 1215.5         |
|      | complete set up to 400 RT                                           |      |                |
| 720  | To supply and replace hot dipped galvanised steel infill support    | no   | 1496           |
|      |                                                                     |      |                |
| 724  | complete set up to 500 RT                                           |      | 4705.0         |
| 721  | To supply and replace hot dipped galvanised steel infill support    | no   | 1795.2         |
|      | complete set up to 100 RT and above                                 |      |                |
| 722  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 514.25         |
|      | ring support up to 50 RT                                            |      |                |
| 723  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 748            |
|      | , , , , , , , , , , , , , , , , , , ,                               |      | , .0           |
|      | ring support up to 100 RT                                           |      |                |
| 724  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 935            |
|      | ring support up to 200 RT                                           |      |                |
| 725  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 1122           |
|      | ring support up to 300 RT                                           |      |                |
| 726  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 1496           |
|      |                                                                     |      |                |
| 727  | ring support up to 400 RT                                           |      | 4.602          |
| 727  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 1683           |
|      | ring support up to 500 RT                                           |      |                |
| 728  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 1870           |
|      | ring support up to 600 RT                                           |      |                |
| 729  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 2057           |
|      |                                                                     |      |                |
| 700  | ring support up to 700 RT                                           |      | 2244           |
| 730  | To supply and replace hot dipped galvanised steel casing or basin   | no   | 2244           |
|      | ring support up to 1000 RT and above                                |      |                |
| 731  | To supply and replace stainless steel water strainer up to 50 RT    | no   | 93.5           |
| 732  | To supply and replace stainless steel water strainer up to 100 RT   | no   | 112.2          |
| /32  | To supply and replace stailliess steel water strailler up to 100 KT | no   | 112.2          |
| 733  | To supply and replace stainless steel water strainer up to 200 RT   | no   | 130.9          |
|      |                                                                     |      |                |

| S/No | Description                                                                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------|------|----------------|
| 734  | To supply and replace stainless steel water strainer up to 300 RT                                                    | no   | 149.6          |
| 735  | To supply and replace stainless steel water strainer up to 400 RT                                                    | no   | 168.3          |
| 736  | To supply and replace stainless steel water strainer up to 500 RT                                                    | no   | 187            |
| 737  | To supply and replace stainless steel water strainer up to 600 RT                                                    | no   | 205.7          |
| 738  | To supply and replace stainless steel water strainer up to 700 RT                                                    | no   | 224.4          |
| 739  | To supply and replace stainless steel water strainer up to 1000 RT                                                   | no   | 243.1          |
| 740  | and above To supply and replace brass ball float valve with necessary pipe                                           | no   | 42.5           |
| 741  | fittings (after the gate valve) up to 6.5mm dia To supply and replace brass ball float valve with necessary pipe     | no   | 46.75          |
| 742  | fittings (after the gate valve) up to 13mm dia To supply and replace brass ball float valve with necessary pipe      | no   | 56.1           |
| 743  | fittings (after the gate valve) up to 20mm dia To supply and replace brass ball float valve with necessary pipe      | no   | 65.45          |
| 744  | fittings (after the gate valve) up to 26mm dia To supply and replace brass ball float valve with necessary pipe      | no   | 72.25          |
| 745  | fittings (after the gate valve) up to 39 dia To supply and replace brass ball float valve with necessary pipe        | no   | 76.5           |
| 746  | fittings (after the gate valve) up to 100mm dia To supply all materials, labour and transport for the replacement of | no   | 561            |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM 1500 up to 4 kw                                        |      |                |
| 747  | To supply all materials, labour and transport for the replacement of                                                 | no   | 1122           |
| 740  | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM 1500 up to 5.5kw                                       |      | 1200           |
| 748  | To supply all materials, labour and transport for the replacement of                                                 | no   | 1309           |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM 1500 up to 7.5kw                                       |      |                |
| 749  | To supply all materials, labour and transport for the replacement of                                                 | no   | 1683           |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM 1500 up to 11kw                                        |      |                |
| 750  | To supply all materials, labour and transport for the replacement of                                                 | no   | 1963.5         |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM<br>1500 up to 15kw                                     |      |                |

| S/No | Description                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------|------|----------------|
| 751  | To supply all materials, labour and transport for the replacement of                           | no   | 2431           |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM 1500 up to 18.5kw                |      |                |
| 752  | To supply all materials, labour and transport for the replacement of                           | no   | 2890           |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM                                  |      |                |
| 753  | 1500 up to 22kw  To supply all materials, labour and transport for the replacement of          | no   | 3357.5         |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM 1500 up to 30kw                  |      |                |
| 754  | To supply all materials, labour and transport for the replacement of                           | no   | 3825           |
|      | aluminium alloy frame motor three phase 415V, 50Hz, rated RPM<br>1500 up to 50kw               |      |                |
| 755  | To supply all materials, labour and transport for the replacement of                           | no   | 74.8           |
|      | drift elimiN.A.tor up to 50 RT                                                                 |      |                |
| 756  | To supply all materials, labour and transport for the replacement of                           | no   | 112.2          |
|      | drift elimiN.A.tor up to 100 RT                                                                |      |                |
| 757  | To supply all materials, labour and transport for the replacement of                           | no   | 187            |
|      | drift elimiN.A.tor up to 200 RT                                                                |      |                |
| 758  | To supply all materials, labour and transport for the replacement of                           | no   | 233.75         |
|      | drift elimiN.A.tor up to 300 RT                                                                |      |                |
| 759  | To supply all materials, labour and transport for the replacement of                           | no   | 280.5          |
|      | drift elimiN.A.tor up to 400 RT                                                                |      |                |
| 760  | To supply all materials, labour and transport for the replacement of                           | no   | 374            |
|      | drift elimiN.A.tor up to 500 RT                                                                |      |                |
| 761  | To supply all materials, labour and transport for the replacement of                           | no   | 467.5          |
|      | drift elimiN.A.tor up to 600 RT                                                                |      |                |
| 762  | To supply all materials, labour and transport for the replacement of                           | no   | 561            |
|      | drift elimiN.A.tor up to 700 RT                                                                |      |                |
| 763  | To supply all materials, labour and transport for the replacement of                           | no   | 654.5          |
|      | drift elimiN.A.tor up to 1000 RT and above                                                     |      |                |
| 764  | To overhaul the cooling tower motor and fan assembly include                                   | no   | 510            |
|      | replacement of fan bearings and painting of rusty parts up to 200 RT                           |      |                |
| 765  | To overhaul the cooling tower motor and fan assembly include                                   | no   | 612            |
|      | replacement of intermediate bearings and fan bearings and painting of rusty parts up to 300 RT |      |                |

| S/No | Description                                                                                                    | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------|------|----------------|
| 766  | To overhaul the cooling tower motor and fan assembly include                                                   | no   | 816            |
|      |                                                                                                                |      |                |
|      | replacement of motor bearings, intermediate bearings and fan bearings and painting of rusty parts up to 400 RT |      |                |
| 767  | To overhaul the cooling tower motor and assembly include                                                       | no   | 1020           |
| 707  | To overnaul the cooling tower motor and assembly include                                                       | 110  | 1020           |
|      | replacement of motor bearings, intermediate bearings and fan                                                   |      |                |
|      | bearings and painting of rusty parts up to 500 RT                                                              |      |                |
| 768  | To overhaul the cooling tower motor and assembly include                                                       | no   | 1224           |
|      |                                                                                                                |      |                |
|      | replacement of motor bearings, intermediate bearings and fan                                                   |      |                |
| 769  | bearings and painting of rusty parts up to 600 RT  To overhaul the cooling tower motor and assembly incude     | no   | 1420           |
| 769  | To overnaul the cooling tower motor and assembly include                                                       | no   | 1428           |
|      | replacement of motor bearings, intermediate bearings and fan                                                   |      |                |
|      | bearings and painting of rusty parts up to 700 RT                                                              |      |                |
| 770  | To overhaul the cooling tower motor and assembly incude                                                        | no   | 1632           |
|      |                                                                                                                |      |                |
|      | replacement of motor bearings, intermediate bearings and fan                                                   |      |                |
| 774  | bearings and painting of rusty parts up to 1000 RT and above                                                   |      | 242.5          |
| 771  | To supply/transport/materials repair cooling tower basin leaking per                                           | no   | 212.5          |
|      | leaking area of 0.5m <sup>2</sup>                                                                              |      |                |
| 772  | To supply and replace belting including cooling tower fan drive                                                | no   | 12.75          |
|      |                                                                                                                |      |                |
|      | including alignment, adjusting belt tension and commissioning for                                              |      |                |
|      | belt size A-59                                                                                                 |      |                |
| 773  | To supply and replace belting including cooling tower fan drive                                                | no   | 13.6           |
|      | including alignment, adjusting belt tension and commissioning for                                              |      |                |
|      | belt size B-60                                                                                                 |      |                |
| 774  | To supply and replace belting including cooling tower fan drive                                                | no   | 15.3           |
|      |                                                                                                                |      |                |
|      | including alignment, adjusting belt tension and commissioning for                                              |      |                |
| 775  | belt size B-115  To supply and replace belting including cooling tower fan drive                               | no   | 45.2           |
| 773  | To supply and replace beiting including cooling tower fail drive                                               | no   | 15.3           |
|      | including alignment, adjusting belt tension and commissioning for                                              |      |                |
|      | belt size B-104                                                                                                |      |                |
| 776  | To supply and replace belding including cooling tower fan drive                                                | no   | 15.3           |
|      |                                                                                                                |      |                |
|      | including alignment, adjusting belt tension and commissioning for belt size B-105                              |      |                |
| 777  | To supply and replace belding including cooling tower fan drive                                                | no   | 17             |
| '''  | To supply and replace beading including cooling tower fail drive                                               | 110  | 1/             |
|      | including alignment, adjusting belt tension and commissioning for                                              |      |                |
|      | belt size B-130                                                                                                |      |                |
| 778  | To supply and replace belting including cooling tower fan drive                                                | no   | 17             |
|      | including alignment, adjusting half-tagging and approximate of                                                 |      |                |
|      | including alignment, adjusting belt tension and commissioning for belt size B-120                              |      |                |
| l    | חבור פולה ח-דבת                                                                                                | I    | Į į            |

| S/No | Description                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------|------|----------------|
| 779  | To supply and replace belting including cooling tower fan drive                            | no   | 17             |
|      | including alignment, adjusting belt tension and commissioning for belt size B-125          |      |                |
| 780  | To supply and replace belding including cooling tower fan drive                            | no   | 34             |
|      | including alignment, adjusting belt tension and commissioning for belt size 11M-800        |      |                |
| 781  | To supply and replace belting including cooling tower fan drive                            | no   | 38.25          |
|      | including alignment, adjusting belt tension and commissioning for belt size 11M-1400       |      |                |
| 782  | To supply and replace belting including cooling tower fan drive                            | no   | 42.5           |
|      | including alignment, adjusting belt tension and commissioning for belt size 11M-1550       |      |                |
| 783  | To supply and replace belting including cooling tower fan drive                            | no   | 17             |
|      | including alignment, adjusting belt tension and commissioning for belt size B-141          |      |                |
| 784  | To supply and replace belting including cooling tower fan drive                            | no   | 12.75          |
|      | including alignment, adjusting belt tension and commissioning for size B-92                |      |                |
| 785  | To supply and replace belting including cooling tower fan drive                            | no   | 12.75          |
|      | including alignment, adjusting belt tension and commissioning for size A55 or other A size |      |                |
| 786  | To supply and replace belting including cooling tower fan drive                            | no   | 51             |
|      | including alignment, adjusting belt tension and commissioning for size B149 or SPB5000     |      |                |
| 787  | Servicing all stainers 1/2" to 2"                                                          | no   | 17             |
| 788  | Servicing all strainers 2.1" to 4'                                                         | no   | 34             |
| 789  | Servicing all strainers 4.1" to 6"                                                         | no   | 51             |
| 790  | Servicing all strainers 6.1" to 12"                                                        | no   | 68             |
| 791  | Servicing all strainers 12.1 to 20"                                                        | no   | 85             |
| 792  | To overhaul the water pump up to 5.6kw (motor kw)                                          | no   | 229.5          |
| 793  | To overhaul the water pump up to 11.2kw (motor kw)                                         | no   | 255            |
| 794  | To overhaul the water pump up to 30kw (motor kw)                                           | no   | 297.5          |
| 795  | To overhaul the water pump up to 37.5kw (motor kw)                                         | no   | 382.5          |
| I    | 1                                                                                          | I    | ı              |

| S/No | Description                                                                                                                        | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 796  | To overhaul the water pump up to 45kw (motor kw)                                                                                   | no   | 493            |
| 797  | To overhaul the water pump up to 60kw (motor kw)                                                                                   | no   | 595            |
| 798  | To overhaul the water pump up to 75 kw (motor kw)                                                                                  | no   | 705.5          |
| 799  | To overhaul the water pump up to 90kw (motor kw)                                                                                   | no   | 850            |
| 800  | Supply and replace of water pump housing, mechanical seal,                                                                         | no   | 3315           |
|      | bearings up to 91kw (motor size)                                                                                                   |      |                |
| 801  | Supply labour/tools/transport to check overhaul the water pump                                                                     | no   | 1020           |
|      | 91kw and above                                                                                                                     |      |                |
| 802  | To supply all materials, labour and transport for the replacement of                                                               | no   | 68             |
|      | water pump metal/stainless steel strainer up to 51mm dia                                                                           |      |                |
| 803  | To supply all materials, labour and transport for the replacement of                                                               | no   | 85             |
|      |                                                                                                                                    |      |                |
|      | water pump metal/stainless steel strainer up to 101mm dia                                                                          |      |                |
| 804  | To supply all materials, labour and transport for the replacement of                                                               | no   | 127.5          |
|      | water pump metal/stainless steel strainer up to 151mm dia                                                                          |      |                |
| 805  | To supply all materials, labour and transport for the replacement of                                                               | no   | 170            |
|      |                                                                                                                                    |      | 170            |
|      | water pump metal/stainless steel strainer up to 201mm dia                                                                          |      |                |
| 806  | To supply all materials, labour and transport for the replacement of                                                               | no   | 212.5          |
|      | water grown matel/stainless stall strain on youts 254 may dis                                                                      |      |                |
| 807  | water pump metal/stainless steel strainer up to 251mm dia To supply all materials, labour and transport for the replacement of     | no   | 382.5          |
| 807  | To supply all materials, labour and transport for the replacement of                                                               | 110  | 362.3          |
|      | water pump metal/stainless steel strainer with support bracket up to                                                               |      |                |
|      | 251mm dia                                                                                                                          |      |                |
| 808  | To supply all materials, labour and transport for the replacement of                                                               | no   | 42.5           |
|      | water pump metal/stainless steel strainer CAP up to 51mm dia                                                                       |      |                |
| 809  | To supply all materials, labour and transport for the replacement of                                                               | no   | 63.75          |
|      |                                                                                                                                    |      | 03.73          |
|      | water pump metal/stainless steel strainer CAP up to 101mm dia                                                                      |      |                |
| 810  | To supply all materials, labour and transport for the replacement of                                                               | no   | 85             |
|      | water grown gestel/staigless staal straiges of CAD up to 151 years dis                                                             |      |                |
| 811  | water pump metal/stainless steel strainer CAP up to 151mm dia To supply all materials, labour and transport for the replacement of | no   | 127.5          |
| 011  | 10 Supply an inaccinals, labour and transport for the replacement of                                                               | 110  | 141.3          |
|      | water pump metal/stainless steel strainer CAP up to 201mm dia                                                                      |      |                |
| 812  | To supply all materials, labour and transport for the replacement of                                                               | no   | 170            |
|      | water pump metal/stainless steel strainer cap up to 251mm dia                                                                      |      |                |
| 813  | To supply all materials, labour and transport for the replacement of                                                               | no   | 153            |
|      | mechanical seal complete set for shaft diameter up to 20mm                                                                         |      |                |

| S/No | Description                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 814  | To supply all materials, labour and transport for the replacement of                                                             | no   | 170            |
|      |                                                                                                                                  |      |                |
| 815  | mechanical seal complete set for shaft diameter up to 24mm  To supply all materials, labour and transport for the replacement of | no   | 195.5          |
| 813  | To supply all materials, labour and transport for the replacement of                                                             | 110  | 193.3          |
|      | mechanical seal complete set for shaft diameter up to 28mm                                                                       |      |                |
| 816  | To supply all materials, labour and transport for the replacement of                                                             | no   | 212.5          |
|      |                                                                                                                                  |      |                |
| 817  | mechanical seal complete set for shaft diameter up to 30mm  To supply all materials, labour transport for the replacement of     | no   | 246.5          |
| 017  | To supply all materials, labour transport for the replacement of                                                                 | 110  | 240.5          |
|      | mechanical seal complete set for shaft diameter up to 35mm                                                                       |      |                |
| 818  | To supply all materials, labour transport for the replacement of                                                                 | no   | 297.5          |
|      |                                                                                                                                  |      |                |
| 819  | mechanical seal complete set for shaft diameter up to 40mm                                                                       |      | 425            |
| 819  | To supply all materials, labour and transport for the replacement of                                                             | no   | 425            |
|      | mechanical seal complete set for shaft diameter up to 50mm                                                                       |      |                |
| 820  | To supply all materials, labour and transport for the replacement of                                                             | no   | 637.5          |
|      |                                                                                                                                  |      |                |
| 004  | mechanical seal complete set for shaft diameter up to 75mm                                                                       |      |                |
| 821  | To supply all materials, labour.transport for the replacement of                                                                 | no   | 51             |
|      | gland packing.                                                                                                                   |      |                |
| 822  | To supply all materials, labour, transport for the installation/                                                                 | no   | 323            |
|      |                                                                                                                                  |      |                |
|      | replacement of water pump polyurethane foam insulation complete                                                                  |      |                |
| 823  | with galvanised jacketing and painting.  To supply and replace water pump duty change over relay 8 pins                          | no   | 102            |
| 023  | To supply and replace water pump duty change over relay o pms                                                                    | 110  | 102            |
|      | c/w socket 230v                                                                                                                  |      |                |
| 824  | To supply all materials, labour and transport for the machining of                                                               | no   | 34             |
|      |                                                                                                                                  |      |                |
| 825  | shaft sleeve (all sizes)  To supply all materials, labour and transport for the machining of                                     | no   | 51             |
| 623  | To supply all materials, labour and transport for the machining of                                                               | 110  | 31             |
|      | gland plate (all sizes)                                                                                                          |      |                |
| 826  | Supply labour/tools/transport to check and service of solar water                                                                | no   | 2.55           |
|      |                                                                                                                                  |      |                |
| 827  | heater system Supply labour/tools/transport to check and service of dometic water                                                | no   | 0.5            |
| 027  | Supply labour/tools/transport to check and service of dometic water                                                              | no   | 8.5            |
|      | pump system up to 7.5H.P. motor                                                                                                  |      |                |
| 828  | Supply labour/tools,/transport to check and service of foundation                                                                | no   | 6.38           |
|      |                                                                                                                                  |      |                |
| 920  | water pump system  Supply all materials labour and transport for the rewinding and                                               | 20   | 1445           |
| 829  | Supply all materials, labour and transport for the rewinding and                                                                 | no   | 144.5          |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                                                              |      |                |
|      | poles squirrel cage motor with Class F insulation including                                                                      |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                                                             |      |                |

| S/No | Description                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------|------|----------------|
|      | up to 0.2kw (1/4 H. P)                                                                  |      |                |
| 830  | Supply all materials, labour and transport for the rewinding and                        | no   | 170            |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                     |      |                |
|      | poles squirrel cage motor with Class F insulation including                             |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 0.37kw (1/2 H. P)                                                                 |      |                |
| 831  | Supply all materials, labour and transport for the rewinding and                        | no   | 187            |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                     |      |                |
|      | poles squirrel cage motor with Class F insulation including                             |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 0.55kw (3/4 H. P)                                                                 |      |                |
| 832  | Supply all materials, labour and transport for the rewinding and                        | no   | 204            |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                     |      |                |
|      | poles squirrel cage motor with Class F insulation including                             |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 0.75kw (1 H. P)                                                                   |      |                |
| 833  | Supply all materials, labour and transport for the rewinding and                        | no   | 212.5          |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                     |      |                |
|      | poles squirrel cage motor with Class F insulation including                             |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 1.2kw (1 1/2 H. P)                                                                |      |                |
| 834  | Supply all materials, labour and transport for the rewinding and                        | no   | 221            |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                     |      |                |
|      | poles squirrel cage motor with Class F insulation including                             |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 1.5kw (2 H. P)                                                                    |      |                |
| 835  | Supply all materials, labour and transport for the rewinding and                        | no   | 272            |
|      | replacing of bearings/bushings of single phase, 230V, 4-poles or 6-                     |      |                |
|      | poles squirrel cage motor with Class F insulation including                             |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning up to 3kw (4 H. P) |      |                |
| 836  | Supply all materials, labour and transport for the rewinding and                        | no   | 170            |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or                     |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                           |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 0.75kw (1 H. P)                                                                   |      |                |
| 837  | Supply all materials, labour and transport for the rewinding and                        | no   | 204            |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or                     |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                           |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning                    |      |                |
|      | up to 1.5kw (2 H. P)                                                                    |      |                |
| 838  | Supply all materials, labour and transport for the rewinding and                        | no   | 238            |
|      |                                                                                         |      |                |

| S/No      | Description                                                            | Unit | Unit Cost (\$) |
|-----------|------------------------------------------------------------------------|------|----------------|
|           | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
|           | lles squirrel cage motor with Class F insulation including             |      |                |
|           | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
| I         | o 3.0kw  Oly all materials, labour and transport for the rewinding and | no   | 272            |
| 839   Sup | ory all materials, labour and transport for the rewinding and          | 110  | 2/2            |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
|           | les squirrel cage motor with Class F insulation including              |      |                |
|           | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
|           | o 3.75kw                                                               |      |                |
| 840 Sup   | ply all materials, labour and transport for the rewinding and          | no   | 323            |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
| I         | les squirrel cage motor with Class F insulation including              |      |                |
|           | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
|           | o 5.6kw                                                                |      |                |
| 841 Sup   | oly all materials, labour and transport for the rewinding and          | no   | 340            |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
|           | les squirrel cage motor with Class F insulation including              |      |                |
|           | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
| up t      | o 7.5kw                                                                |      |                |
| 842 Sup   | oly all materials, labour and transport for the rewinding and          | no   | 510            |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
|           | les squirrel cage motor with Class F insulation including              |      |                |
|           | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
| up t      | o 11.2kw                                                               |      |                |
| 843 Sup   | oly all materials, labour and transport for the rewinding and          | no   | 637.5          |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
| 6-pc      | les squirrel cage motor with Class F insulation including              |      |                |
| rem       | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
| ''        | o 15kw                                                                 |      |                |
| 844 Sup   | ply all materials, labour and transport for the rewinding and          | no   | 722.5          |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
| 6-pc      | les squirrel cage motor with Class F insulation including              |      |                |
| rem       | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
|           | o 18.7kw                                                               |      |                |
| 845 Sup   | ply all materials, labour and transport for the rewinding and          | no   | 850            |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
| 6-pc      | les squirrel cage motor with Class F insulation including              |      |                |
|           | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |
| I         | o 22.5.7kw                                                             |      |                |
| 846 Sup   | oly all materials, labour and transport for the rewinding and          | no   | 1105           |
| repl      | acing of bearings/bushings of three (3) phase, 415V, 4-poles or        |      |                |
|           | les squirrel cage motor with Class F insulation including              |      |                |
| rem       | oving, dismantling, servicing reinstallation and re-commissioning      |      |                |

| S/No | Description                                                                     | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------|------|----------------|
|      | up to 26.2kw                                                                    |      |                |
| 847  | Supply all materials, labour and transport for the rewinding and                | no   | 1190           |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or             |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                   |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning            |      |                |
|      | up to 30kw                                                                      |      |                |
| 848  | Supply all materials, labour and transport for the rewinding and                | no   | 1360           |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or             |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                   |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning up to 45kw |      |                |
| 849  | Supply all materials, labour and transport for the rewinding and                | no   | 1530           |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or             |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                   |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning            |      |                |
|      | up to 60kw                                                                      |      |                |
| 850  | Supply all materials, labour and transport for the rewinding and                | no   | 1700           |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or             |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                   |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning            |      |                |
|      | up to 75kw                                                                      |      |                |
| 851  | Supply all materials, labour and transport for the rewinding and                | no   | 1912.5         |
|      | replacing of bearings/bushings of three (3) phase, 415V, 4-poles or             |      |                |
|      | 6-poles squirrel cage motor with Class F insulation including                   |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning            |      |                |
|      | up to 90kw and above                                                            |      |                |
| 852  | To supply all materials, labour and transport for the rewinding and             | no   | 535.5          |
|      | replacing of bearings/bushings of three (3) phase, 415 volts motor-             |      |                |
|      | rotor and replacement of bearings and bushings including removing,              |      |                |
|      | dismantling servicing, reinstallation and re-commissioning up to 11.2kw         |      |                |
| 853  | To supply all materials, labour and transport for the rewinding and             | no   | 654.5          |
|      | replacing of bearings/bushings of three (3) phase, 415 volts motor-             |      |                |
|      | rotor and replacement of bearings and bushings including removing,              |      |                |
|      | dismantling servicing, reinstallation and re-commissioning up to                |      |                |
|      | 15kw                                                                            |      |                |
| 854  | Supply all materials, labour and transport for the rewinding and                | no   | 722.5          |
|      | replacing of bearings/bushings of three (3) phase, 415V volts motor             |      |                |
|      | rotor and replacement of bearings and bushings including                        |      |                |
|      | removing, dismantling, servicing reinstallation and re-commissioning            |      |                |
| 05-  | up to 18.7kw                                                                    |      |                |
| 855  | To supply all materials, labour and transport for the rewinding of              | no   | 807.5          |
|      |                                                                                 | Į    | I              |

| S/No | Description                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | three (3) phase , 415 volts motor rotor and replacement of bearings                                                                 |      |                |
|      | and bushings including removing, dismantling servicing,                                                                             |      |                |
| 856  | reinstallation and re-commissioning up to 22.5kw  To supply all materials, labour and transport for the rewinding of                | no   | 892.5          |
|      |                                                                                                                                     |      | 032.3          |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings                                                                 |      |                |
|      | and bushings including removing, dismanlin servicing, reinstallation                                                                |      |                |
| 0.57 | and re-commissioning up to 26.2kw                                                                                                   |      | 4020           |
| 857  | To supply all materials, labour and transport for the rewinding of                                                                  | no   | 1020           |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings                                                                 |      |                |
|      | and bushings including removing, dismantling servicing,                                                                             |      |                |
|      | reinstallation and re-commissioning up to 30kw                                                                                      |      |                |
| 858  | To supply all materials, labour and transport for the rewinding of                                                                  | no   | 1147.5         |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings                                                                 |      |                |
|      | and bushings including removing, dismantling servicing,                                                                             |      |                |
|      | reinstallation and re-commissioning up to 45kw                                                                                      |      |                |
| 859  | To supply all materials, labour and transport for the rewinding of                                                                  | no   | 1445           |
|      | three (2) whose 415 yelts mater rater and replacement of hearings                                                                   |      |                |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings and bushings including removing, dismantling servicing,         |      |                |
|      | reinstallation and re-commissioning up to 60kw                                                                                      |      |                |
| 860  | To supply all materials, labour and transport for the rewinding of                                                                  | no   | 2125           |
|      |                                                                                                                                     |      |                |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings and bushings including removing, dismantling servicing,         |      |                |
|      | reinstallation and re-commissioning up to 75kw                                                                                      |      |                |
| 861  | To supply all materials, labour and transport for the rewinding of                                                                  | no   | 2720           |
|      |                                                                                                                                     |      |                |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings                                                                 |      |                |
|      | and bushings including removing, dismantling servicing, reinstallation and re-commissioning up to 90kw                              |      |                |
| 862  | To supply all materials, labour and transport for the rewinding of                                                                  | no   | 3825           |
|      | ,                                                                                                                                   |      | 3323           |
|      | three (3) phase , 415 volts motor rotor and replacement of bearings                                                                 |      |                |
|      | and bushings including removing, dismantling servicing,                                                                             |      |                |
| 863  | reinstallation and re-commissioning up from to 91kw and above  To supply all materials, labour and transport for the replacement of | no   | 102            |
| 803  | To supply all materials, labour and transport for the replacement of                                                                | 110  | 102            |
|      | the bearings/bushings only including removing, dismantling,                                                                         |      |                |
|      | sevicing reinstallation and re-commissioning for single Phase 230v                                                                  |      |                |
| 064  | motor up to 0.75kw                                                                                                                  |      | 110.5          |
| 864  | To supply all materials, labour and transport for the replacement of                                                                | no   | 110.5          |
|      | the bearings/bushings only including removing, dismantling,                                                                         |      |                |
|      | servicing reinstallation and re-commissioning for single Phase 230v                                                                 |      |                |
|      | motor up to 1.5kw                                                                                                                   |      |                |
| 865  | To supply all materials, labour and transport for the replacement of                                                                | no   | 131.75         |
|      | the bearings/bushings only including removing, dismantling,                                                                         |      |                |
| l    | The searings, sasimings only including removing, distributing,                                                                      |      | ı l            |

| servicing reinstallation and re-commissioning for single Phase 230v motor up to 2.25kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v, motor up to 3.75kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 2.5.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 7.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 11.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 15kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 13.7kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 25.8kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 26.2kw To supply all ma | S/No | Description                                                          | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------|------|----------------|
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v, motor up to 3.75kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing r |      | servicing reinstallation and re-commissioning for single Phase 230v  |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v, motor up to 3.75kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 17.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 11.8 kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 18.7 kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 18.7 kw  To supply all materials, labour and transport for the replacement of no 272 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 22.5 kw  To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415 v motor up to 30 kw  To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing |      |                                                                      |      |                |
| servicing reinstallation and re-commissioning for three Phase 415 v, motor up to 3.75kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of no 242.25  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 36.8kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only inclu | 866  | To supply all materials, labour and transport for the replacement of | no   | 119            |
| servicing reinstallation and re-commissioning for three Phase 415 v, motor up to 3.75kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of no 242.25  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 36.8kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only inclu |      | the bearings/bushings only including removing, dismantling,          |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 1.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 242.25  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 36.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 340                                                                   |      |                                                                      |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of no 174.25 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of no 195.5 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of no 242.25 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removin |      | motor up to 3.75kw                                                   |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  869 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  870 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  871 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  872 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  873 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  874 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  876 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to | 867  | To supply all materials, labour and transport for the replacement of | no   | 136            |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 5.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  869 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  870 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  871 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  872 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  873 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  874 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  876 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to |      | the bearings/bushings only including removing, dismantling.          |      |                |
| motor up to 5.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                          |      | , , , ,                                                              |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of no 242.25  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 36.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 340                                                                                                                                                                                                                                                                                 |      | motor up to 5.5kw                                                    |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of no 195.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  871 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  872 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 36.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                   | 868  | To supply all materials, labour and transport for the replacement of | no   | 153            |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 7.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of no 195.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  871 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  872 To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 36.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                   |      | the bearings/bushings only including removing, dismantling,          |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                              |      |                                                                      |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | motor up to 7.5kw                                                    |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 869  | To supply all materials, labour and transport for the replacement of | no   | 174.25         |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 11.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | the hearings/hushings only including removing dismantling            |      |                |
| motor up to 11.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of To supply all materials, labour and transport for the replacement of                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                      |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  871 To supply all materials, labour and transport for the replacement of no 242.25  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  872 To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  873 To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  874 To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | _                                                                    |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 870  | To supply all materials, labour and transport for the replacement of | no   | 195.5          |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 15kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of no 272  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | the bearings/bushings only including removing, dismantling.          |      |                |
| motor up to 15kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                      |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of  to supply all materials, labour and transport for the replacement of  To supply all materials, labour and transport for the replacement of  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                      |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 18.7kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 871  | To supply all materials, labour and transport for the replacement of | no   | 242.25         |
| motor up to 18.7kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | the bearings/bushings only including removing, dismantling,          |      |                |
| To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of no 297.5  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of no 340  the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | •                                                                    |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 22.5kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 872  | To supply all materials, labour and transport for the replacement of | no   | 272            |
| motor up to 22.5kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | the bearings/bushings only including removing, dismantling,          |      |                |
| To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  874 To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of no 365.5 the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                                      |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  874 To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of no 365.5 the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 873  | To supply all materials, labour and transport for the replacement of | no   | 297.5          |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 26.2kw  874 To supply all materials, labour and transport for the replacement of no 340 the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of no 365.5 the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | the bearings/bushings only including removing, dismantling,          |      |                |
| To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw To supply all materials, labour and transport for the replacement of the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                      |      |                |
| the bearings/bushings only including removing, dismantling, servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  875 To supply all materials, labour and transport for the replacement of no 365.5  the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | motor up to 26.2kw                                                   |      |                |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5 the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 874  | To supply all materials, labour and transport for the replacement of | no   | 340            |
| servicing reinstallation and re-commissioning for three Phase 415v motor up to 30kw  To supply all materials, labour and transport for the replacement of no 365.5 the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | the bearings/bushings only including removing, dismantling,          |      |                |
| 875 To supply all materials, labour and transport for the replacement of no 365.5 the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                      |      |                |
| the bearings/bushings only including removing, dismantling,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | ·                                                                    |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 875  | To supply all materials, labour and transport for the replacement of | no   | 365.5          |
| servicing reinstallation and re-commissioning for three Phase 415v                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | the bearings/bushings only including removing, dismantling,          |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |

| S/No | Description                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------|------|----------------|
|      | motor up to 45kw                                                     |      |                |
| 876  | To supply all materials, labour and transport for the replacement of | no   | 425            |
|      | the bearings/bushings only including removing, dismantling,          |      |                |
|      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |
|      | motor up to 60kw                                                     |      |                |
| 877  | To supply all materials, labour and transport for the replacement of | no   | 552.5          |
|      | the bearings/bushings only including removing, dismantling,          |      |                |
|      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |
|      | motor up to 75kw                                                     |      |                |
| 878  | To supply all materials, labour and transport for the replacement of | no   | 680            |
|      | the bearings/bushings only including removing, dismantling,          |      |                |
|      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |
| 070  | motor up to 90kw                                                     |      |                |
| 879  | To supply all materials, labour and transport for the replacement of | no   | 807.5          |
|      | the bearings/bushings only including removing, dismantling,          |      |                |
|      | servicing reinstallation and re-commissioning for three Phase 415v   |      |                |
|      | motor up to 91kw and above                                           |      |                |
| 880  | To supply all materials, labour and transport for the replacement of | no   | 51             |
|      | the couplings/bushings only including the removing, dismantling,     |      |                |
|      | servicing reinstallation using dial gauges and re-commissioning for  |      |                |
|      | single phase 230V motor of all sizes                                 |      |                |
| 881  | To supply all materials, labour and transport for the replacement of | no   | 340            |
|      | couplings/bushings only including the removing, dismantling,         |      |                |
|      | servicing reinstallation using dial gauges and re-commissioning for  |      |                |
|      | three phase 415v motor of shaft size up to 51mm dia                  |      |                |
| 882  | To supply all materials, labour and transport for the replacement of | no   | 425            |
|      | couplings/bushings only including the removing, dismantling,         |      |                |
|      | servicing reinstallation using dial gauges and re-commissioning for  |      |                |
| 000  | three phase 415v motor of shaft size up to 101mm dia                 |      | 540            |
| 883  | To supply all materials, labour and transport for the replacement of | no   | 510            |
|      | couplings/bushings only including the removing, dismantling,         |      |                |
|      | servicing reinstallation using dial gauges and re-commissioning for  |      |                |
|      | three phase 415v motor of shaft size up to 126mm dia                 |      |                |
| 884  | To supply all materials, labour and transport for the replacement of | no   | 204            |
|      | motors including installation and commissioning single phase 230v,   |      |                |
| 905  | 4 poles/6poles, 50 Hz, up to 0.25 kw                                 |      | 255            |
| 885  | To supply all materials, labour and transport for the replacement of | no   | 255            |
|      | motors including installation and re-commissioning single phase      |      |                |
|      | 230v, 4 poles/6poles, 50 Hz, up to 0.37 kw                           |      |                |
| 886  | To supply all materials, labour and transport for the replacement of | no   | 289            |
|      |                                                                      | Į    |                |

| S/No | Description                                                                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------|------|----------------|
|      | motors including installation and commissioning single phase 230v,                                            |      |                |
| 007  | 4 poles/6poles, 50 Hz, up to 0.56 kw                                                                          |      |                |
| 887  | To supply all materials, labour and transport for the replacement of                                          | no   | 331.5          |
|      | motors including installation and commissioning single phase 230v,                                            |      |                |
|      | 4 poles/6poles, 50 Hz, up to 0.75 kw                                                                          |      |                |
| 888  | To supply all materials, labour and transport for the replacement of                                          | no   | 365.5          |
|      | motors including installation and commissioning single phase 230v,                                            |      |                |
|      | 4 poles/6poles, 50 Hz, up to 1.2 kw                                                                           |      |                |
| 889  | To supply all materials, labour and transport for the replacement of                                          | no   | 357            |
|      | meters including installation and commissioning single phase 220v                                             |      |                |
|      | motors including installation and commissioning single phase 230v, 4 poles/6poles, 50 Hz, up to 1.5 kw        |      |                |
| 890  | To supply all materials, labour and transport for the replacement of                                          | no   | 382.5          |
|      |                                                                                                               |      |                |
|      | motors including installation and commissioning single phase 230v, 4 poles/6poles, 50 Hz, up to 2.25 kw       |      |                |
| 891  | To supply all materials, labour and transport for the replacement of                                          | no   | 221            |
|      |                                                                                                               |      |                |
|      | motors including installation and commissioning three phase 415v,                                             |      |                |
| 892  | 50Hz, 4 poles or 6 poles, up to 0.75 kw  To supply all materials, labour and transport for the replacement of | no   | 272            |
| 552  |                                                                                                               |      | 2,2            |
|      | motors including installation and commissioning three phase 415v,                                             |      |                |
| 893  | 50Hz, 4 poles or 6 poles, up to 1.5 kw  To supply all materials, labour and transport for the replacement of  | no   | 357            |
| 893  | To supply all materials, labour and transport for the replacement of                                          | 110  | 337            |
|      | motors including installation and commissioning three phase 415v,                                             |      |                |
| 004  | 50Hz, 4 poles or 6poles, up to 2.25 kw                                                                        |      | 425            |
| 894  | To supply all materials, labour and transport for replacement of                                              | no   | 425            |
|      | motors including installation and commissioning three phase 415v,                                             |      |                |
|      | 50Hz, 4 poles or 6poles, up to 3.75kw                                                                         |      |                |
| 895  | To supply all materials, labour and transport for replacement of                                              | no   | 510            |
|      | motors including installation and -commissioning three phase 415v,                                            |      |                |
|      | 50Hz, 4 poles or 6poles, up to 5.6kw                                                                          |      |                |
| 896  | To supply all materials, labour and transport for replacement of                                              | no   | 612            |
|      | motors including installation and -commissioning three phase 415v,                                            |      |                |
|      | 50Hz, 4 poles or 6poles, up to 7.5kw                                                                          |      |                |
| 897  | To supply all materials, labour and transport for replacement of                                              | no   | 765            |
|      | motors including installation and commissioning three phase 415v,                                             |      |                |
|      | 50Hz, 4 poles or 6poles, up to 11.2kw                                                                         |      |                |
| 898  | To supply all materials, labour and transport for replacement of                                              | no   | 1020           |
|      | motors including installation and commissioning these where 445                                               |      |                |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 15kw         |      |                |
| I    | \                                                                                                             | I    | ı l            |

| S/No | Description                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 899  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 1275           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 18.7kw                                                                                               |      |                |
| 900  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 1530           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 22.5kw                                                                                               |      |                |
| 901  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 1870           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 30kw                                                                                                 |      |                |
| 902  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 2720           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 37.5kw                                                                                               |      |                |
| 903  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 3570           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 45kw                                                                                                 |      |                |
| 904  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 4590           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 52.5kw                                                                                               |      |                |
| 905  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 5525           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 75kw                                                                                                 |      |                |
| 906  | To supply all materials, labour and transport for replacement of                                                                                                                                      | no   | 6120           |
|      | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6poles, up to 90kw                                                                                                 |      |                |
| 908  | motors including installation and commissioning three phase 415v, 50Hz, 4 poles or 6 poles, up to 91kw and above To supply all materials, labour and transport for replacement of                     | no   | OE.            |
| 908  | To supply all materials, labour and transport for replacement of                                                                                                                                      | 110  | 85             |
|      | Direct-On-Line Starters, hand reset, with 2 or more auxilliary                                                                                                                                        |      |                |
|      | contacts with line and phasing protection over-load relay, suitable for AC 500V; 3 phase 50 Hz conform to BS 587 and or IEC PUB                                                                       |      |                |
|      | 152-1, 292-2-1 up to 3.75 kw (5 hp) (range 0.3-9 amp operating coil vols 230v or 24v)                                                                                                                 |      |                |
| 909  | To supply all materials, labour and transport for replacement of Star-                                                                                                                                | no   | 255            |
|      | Delta-Starters, hand reset, with 2 or more auxilliary contacts and single phasing protection over-load relay, suitable for AC 500V; 3 phase 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to |      |                |
| 910  | 7.5 kw (10hp) full (ranges 2.5 amp, 4.5 - 9.0 amp, 6.0-12 amp, 12-<br>16amps, operating coil volts 230v or 24v<br>To supply all materials, labour and transport for replacement of Star-              | no   | 297.5          |
| 310  | 10 Supply an materials, labour and transport for replacement of Star-                                                                                                                                 | 110  | 231.3          |
|      | Delta-Starters, hand reset, with 2 or more auxilliary contacts and                                                                                                                                    |      |                |

| S/No | Description                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | single phasing protection over-load relay, suitable for AC 500V; 3                                                                         |      |                |
|      | phase 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                                                                            |      |                |
| 911  | 11.0 (15hp) full (ranges 16-24 amp operating coil volts 230v or 24v To supply all materials, labour and transport for replacement of Star- | no   | 425            |
| 911  | To supply all materials, labour and transport for replacement of Star-                                                                     | no   | 425            |
|      | Delta-Starters, hand reset, with 2 or more auxilliary contacts and                                                                         |      |                |
|      | single phasing protection over-load relay, suitable for AC 500V; 3                                                                         |      |                |
|      | phase 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                                                                            |      |                |
|      | 15kw (20hp) (ranges 24-34 amps, operating coil volts 230v or 24v                                                                           |      |                |
| 912  | To supply all materials, labour and transport for replacement of Star-                                                                     | no   | 510            |
|      | Delta-Starters, hand reset, with 2 or more auxilliary contacts and                                                                         |      |                |
|      | single phasing protection over-load relay, suitable for AC 500V; 3                                                                         |      |                |
|      | phase 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                                                                            |      |                |
|      | 22kw (30hp) (ranges 32-48 amps, operating coil volts 240v volts or                                                                         |      |                |
|      | 24 volts                                                                                                                                   |      |                |
| 913  | To supply all materials, labour and transport for replacement of Star-                                                                     | no   | 637.5          |
|      | Delta-Starters, hand reset, with 2 or more auxilliary contacts and                                                                         |      |                |
|      | single phasing protection over-load relay, suitable for AC 500V; 3                                                                         |      |                |
|      | phase 50 Hz conform to BS 587 and or IEC PUB 151-1, 292-1 up to                                                                            |      |                |
|      | 30kw (40hp) full load ranges 32-48 amps, 45-65 amps operating coil                                                                         |      |                |
|      | volts 240v volts or 24 volts                                                                                                               |      |                |
| 045  | transformer up to 7.5kw (10hp) 1 tapping                                                                                                   |      |                |
| 915  | To supply all materials, labour and transport for replacement of auto-                                                                     | no   | 195.5          |
|      | transformer up to 7.5kw (15hp) 1 tapping                                                                                                   |      |                |
| 916  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 255            |
|      | auto-transformer up to 11kw (15hp) 4 tapping (40% to 75%)                                                                                  |      |                |
| 917  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 280.5          |
|      |                                                                                                                                            |      |                |
|      | auto-transformer up to 11kw (15 hp) 4 tapping (40% to 75%)                                                                                 |      |                |
| 918  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 280.5          |
|      | auto-transformer up to 11kw (15 hp) 4 tapping (40% to 75%)                                                                                 |      |                |
| 919  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 348.5          |
|      | auto-transformer up to 30kw (40 hp) 4 tapping (40%, 50%, 60% &                                                                             |      |                |
|      | 75%)                                                                                                                                       |      |                |
| 920  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 391            |
|      |                                                                                                                                            |      |                |
|      | auto-transformer up to 37.5kw (50 hp) 4 tapping (40%, 50%, 60% & 75%)                                                                      |      |                |
| 921  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 459            |
|      |                                                                                                                                            |      |                |
|      | auto-transformer up to 45kw (60 hp) 4 tapping (40%, 50%, 60% &                                                                             |      |                |
| 022  | 75%)                                                                                                                                       |      | E 4.4          |
| 922  | To supply all materials, labour and transport for the replacement of                                                                       | no   | 544            |
|      | auto-transformer up to 55kw (75 hp) 4 tapping (40% , 50%, 60% &                                                                            |      |                |
|      |                                                                                                                                            |      |                |

| S/No | Description                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 923  | 75%) To supply and replace magnetic contactor coil voltage AC 240V or                                                          | no   | 76.5           |
| 924  | 24V up to 3.75kw 9 amp(5 H.P) To supply and replace magnetic contactor coil voltage AC 240V or                                 | no   | 85             |
| 925  | 24V up to 9.0kw (12 HP) To supply and replace magnetic contactor coil voltage AC 240V or                                       | no   | 102            |
| 926  | 24V up to 12.5kw (16.7 H.P)  To supply and replace magnetic contactor coil voltage AC 240V or                                  | no   | 136            |
| 927  | 24V up to 17.0 kw (22.7 H.P) To supply and replace magnetic contactor coil voltage AC 240V or                                  | no   | 161.5          |
| 928  | 24V up to 21.0 kw (28 H.P)  To supply and replace magnetic contactor coil voltage AC 240V or                                   | no   | 195.5          |
| 929  | 24V up to 25.50 kw (34 H.P)  To supply and replace magnetic contactor coil voltage AC 240V or                                  | no   | 272            |
| 930  | 24V up to 52.0 kw (70 H.P)  To supply and replace magnetic contactor coil voltage AC 240V or                                   | no   | 442            |
| 931  | 24V up to 75.0 kw (100 H.P)  To supply and replace step-down transformer ( 240V to 24v) up to                                  | no   | 85             |
| 932  | 50 VA To supply and replace control relay c/w socket 8 to 12 pins, coil                                                        | no   | 51             |
| 933  | voltage 230Vstep-down transformer ( 240V to 24V) up to 50 VA To supply and replace control relay c/w socket 8 to 12 pins, coil | no   | 51             |
| 934  | voltage 110V  To supply and replace control relay c/w socket 8 to 12 pins, coil                                                | no   | 51             |
| 935  | voltage 24V To supply and replace time delay replay c/w socket 8 to 12 pins,                                                   | no   | 76.5           |
| 936  | coil voltage 230V Delay time: 1-30 sec To supply and replace time delay replay c/w socket 8 to 12 pins,                        | no   | 76.5           |
| 937  | coil voltage 110V. Delay time: 1-30 sec To supply and replace time delay replay c/w socket 8 to 12 pins,                       | no   | 76.5           |
| 938  | coil voltage 24V. Delay time: 1-30 sec To supply and replace run capacitor up to 6 uf (unfarad)                                | no   | 14.45          |
| 939  | supply and replace run capacitor up to 20 uf (unfarad)                                                                         | no   | 24.65          |

| S/No | Description                                                                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------|------|----------------|
| 940  | supply and replace run capacitor up to 22.5 uf (unfarad)                                                           | no   | 28.05          |
| 941  | supply and replace run capacitor up to 25 uf (unfarad)                                                             | no   | 31.45          |
| 942  | supply and replace run capacitor up to 30 uf (unfarad)                                                             | no   | 35.7           |
| 943  | supply and replace run capacitor up to 50 uf (unfarad)                                                             | no   | 51             |
| 944  | supply and replace run capacitor up to 60 uf (unfarad)                                                             | no   | 68             |
| 945  | supply and replace run capacitor up to 100 uf (unfarad)                                                            | no   | 85             |
| 946  | To supply and replace starting capacitor up to 150 uf (unfarad)                                                    | no   | 21.25          |
| 947  | To supply materials and labour to replace thermal overload relay -3                                                | no   | 68             |
| 948  | phase (0.12A to 0.18A) up to (4.0A to 6.0A)  To supply materials and labour to replace thermal overload relay -3   | no   | 76.5           |
| 949  | phase (5.6A to 8.0A) up to (22A to 24A)  To supply materials and labour to replace thermal overload relay -3       | no   | 93.5           |
| 950  | phase 24A to 32A  To supply materials and labour to replace thermal overload relay -3                              | no   | 123.25         |
| 951  | phase 30A to 45A (including termiN.A.l cables) To supply materials and labour to replace thermal overload relay -3 | no   | 148.75         |
| 952  | phase 60A to 75A (including termiN.A.l cables) To supply materials and labour to replace auxiliary contact block 2 | no   | 25.5           |
| 953  | contacts To supply materials and labour to replace auxiliary contact block 4                                       | no   | 34             |
| 954  | contacts  To supply all materials , labour and transport to install/replace                                        | no   | 4.25           |
| 955  | indicating light with holder  To supply all materials, labour and transport to install/replace                     | no   | 1.7            |
| 956  | indicating light without holder  To supply all materials , labour and transport to install/replace fuse            | no   | 2.55           |
| 957  | (all sizes)  To supply labour and material to install/replace galvanised steel                                     | m    | 2.55           |
| 958  | conduit c/w saddles run on surface 18mm dia To supply labour and material to install/replace galvanised steel      | m    | 3.4            |
|      | conduit c/w saddles run on surface 25mm dia                                                                        |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 959  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 4.42           |
|      | and the located discount of southern 22 and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 960  | conduit c/w saddles run on surface 32mm dia To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 5.19           |
| 900  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ""   | 5.19           |
|      | conduit c/w saddles run on surface 40mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
| 961  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 6.38           |
|      | and the formed the more are confirmed from the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 962  | conduit c/w saddles run on surface 50mm dia To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 3.23           |
| 302  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ""   | 3.23           |
|      | conduit c/w saddles run in wall/in floor 18mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 963  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 4.08           |
|      | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 964  | conduit c/w saddles run in wall/in floor 25mm dia To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m    | 5.27           |
| 904  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 5.27           |
|      | conduit c/w saddles run in wall/in floor 32mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 965  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 6.29           |
|      | 1 11 1 11 11 11 11 11 11 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
| 966  | conduit c/w saddles run in wall/in floor 40mm dia To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m    | 7.65           |
| 900  | To supply labour and material to install/replace galvanised steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 7.65           |
|      | conduit c/w saddles run in wall/in floor 50mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 967  | To supply labour and material to install/replace PVC conduit c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m    | 1.53           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 968  | saddles run on surface 18mm dia To supply labour and material to install/replace PVC conduit c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m    | 2 20           |
| 308  | To supply labour and material to install/replace FVC conduit c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m    | 2.38           |
|      | saddles run in wall/in floor 25mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
| 969  | To supply labour and material to install/replace PVC conduit c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m    | 2.89           |
|      | and discourse in small /in flagge 22 years dis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 970  | saddles run in wall/in floor 32mm dia To supply labour and material to install/replace galvanised flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m    | 1.7            |
| 370  | To supply labour and material to install/replace galvanised hexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m    | 1.7            |
|      | conduit with PVC sleeving 20mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 971  | To supply labour and material to install/replace galvanised flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m    | 2.38           |
|      | conduit with PVC sleeving 25mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 972  | To supply labour and material to install/replace galvanised flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m    | 4.68           |
| 37.2 | . o supply laced and material to metally replace Santametal member                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | 1.00           |
|      | conduit with PVC sleeving 32mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 973  | To supply labour and material to install/replace Brass termiN.A.tion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 1.02           |
|      | gland only for metal type flexible conduit up to 20mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 974  | To supply labour and material to install/replace Brass termiN.A.tion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 1.28           |
|      | The property of the state of th |      | 1.20           |
|      | gland only for metal type flexible conduit up to 25mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 975  | To supply labour and material to install/replace Brass termiN.A.tion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 1.53           |
|      | gland only for metal type flexible conduit up to 25mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| ļ    | Biana only for metal type hexible conduit up to 25mill dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |

| S/No | Description                                                                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 976  | To supply labour and material to install/replace flexible PVC conduit                                                             | m    | 1.53           |
| 977  | 20mm dia.  To supply labour and material to install/replace flexible PVC conduit                                                  | m    | 1.87           |
| 978  | 25mm dia. To supply labour and material to install/replace PVC termiN.A.tion                                                      | no   | 1.7            |
| 979  | gland 20mm dia.  To supply labour and material to install/replace PVC termiN.A.tion                                               | no   | 2.13           |
| 980  | gland 25mm dia.  To supply labour and material to install/replace PVC termiN.A.tion                                               | no   | 2.55           |
| 981  | gland 38mm dia.  To supply labour and material to install/replace PVC trunking (shall                                             | m    | 6.21           |
| 982  | be SISIR Approved type) complete with bracket 100mm x 75mm To supply labour and materials to install/replace PVC trunking (shall  | m    | 6.29           |
| 983  | be SISIR Approved type) complete with bracket 100mm x 100mm To supply labour and materials to install/replace PVC trunking (shall | m    | 6.38           |
| 984  | be SISIR Approved type) complete with bracket 150 mm x 50mm To supply labour and materials to install/replace PVC trunking (shall | m    | 7.06           |
| 985  | be SISIR Approved type) complete with bracket 150 mm x 75mm To supply labour and materials to install/replace PVC trunking (shall | m    | 7.91           |
| 986  | be SISIR Approved type) complete with bracket 200mm x 100mm To supply labour and materials to install/replace PVC trunking (shall | m    | 8.59           |
| 987  | be SISIR Approved type) complete with bracket 200mm x 150mm To supply labour and material to install/replace PVC /PVC insulated   | m    | 0.26           |
| 988  | cable 1 x 1 sq mm (including termiN.A.tion to existing) To supply labour and material to install/replace PVC /PVC insulated       | m    | 0.3            |
| 989  | cable 1 x 1.5 sq mm (including termiN.A.tion to existing) To supply labour and material to install/replace PVC /PVC insulated     | m    | 0.38           |
| 990  | cable 1 x 1.25 sq mm (including termiN.A.tion to existing) To supply labour and material to install/replace PVC /PVC insulated    | m    | 0.51           |
| 991  | cable 1 x 4.0 sq mm (including termiN.A.tion to existing) To supply labour and material to install/replace PVC /PVC insulated     | m    | 0.98           |
| 992  | cable 1 x 6.0 sq mm (including termiN.A.tion to existing) To supply labour and material to install/replace PVC /PVC insulated     | m    | 1.19           |
|      | cable 1 x 10.0 sq mm (including termiantion to existing)                                                                          |      |                |

| S/No | Description                                                                                                                     | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 993  | To supply labour and material to install/replace PVC /PVC insulated                                                             | m    | 1.83           |
|      | cable 1 v 16 0 cg mm (including tormiN A tion to evicting)                                                                      |      |                |
| 994  | cable 1 x 16.0 sq mm (including termiN.A.tion to existing)  To supply labour and material to install/replace PVC /PVC insulated | m    | 2.64           |
| 334  | To supply labour and material to install/replace i ve/i ve installated                                                          | ""   | 2.04           |
|      | cable 1 x 25.0 sq mm (including termiN.A.tion to existing)                                                                      |      |                |
| 995  | To supply labour and material to install/replace PVC /PVC insulated                                                             | m    | 3.78           |
|      |                                                                                                                                 |      |                |
| 006  | cable 1 x 35.0 sq mm (including termiN.A.tion to existing)                                                                      |      | 4.76           |
| 996  | To supply labour and material to install/replace PVC /PVC insulated                                                             | m    | 4.76           |
|      | cable 1 x 50.0 sq mm (including termiN.A.tion to existing)                                                                      |      |                |
| 997  | To supply labour and material to install/replace PVC insulated                                                                  | m    | 0.21           |
|      |                                                                                                                                 |      |                |
|      | cable 1 x 1.0sq mm (including termiN.A.tion to existing)                                                                        |      |                |
| 998  | To supply labour and material to install/replace PVC insulated                                                                  | m    | 0.26           |
|      | cable 1 v 1 Eco mm (including termiN) A tion to evicting                                                                        |      |                |
| 999  | cable 1 x 1.5sq mm (including termiN.A.tion to existing)  To supply labour and material to install/replace PVC insulated        | m    | 0.34           |
| 333  | To supply labour and material to install/replace FVC insulated                                                                  | ""   | 0.54           |
|      | cable 1 x 2.5sq mm (including termiN.A.tion to existing)                                                                        |      |                |
| 1000 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 0.43           |
|      |                                                                                                                                 |      |                |
|      | cable 1 x 4.0sq mm (including termiN.A.tion to existing)                                                                        |      |                |
| 1001 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 0.72           |
|      | cable 1 x 6.0sq mm (including termiN.A.tion to existing)                                                                        |      |                |
| 1002 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 1.02           |
|      |                                                                                                                                 |      |                |
|      | cable 1 x 10.0sq mm (including termiN.A.tion to existing)                                                                       |      |                |
| 1003 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 1.53           |
|      | cable 1 x 16.0sq mm (including termiN.A.tion to existing)                                                                       |      |                |
| 1004 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 2.3            |
| 1004 | To supply labour and material to install/replace ( ve instalated                                                                | ""   | 2.5            |
|      | cable 1 x 25.0sq mm (including termiN.A.tion to existing)                                                                       |      |                |
| 1005 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 3.27           |
|      |                                                                                                                                 |      |                |
| 1006 | cable 1 x 35.0sq mm (including termiN.A.tion to existing)                                                                       |      | 4.20           |
| 1006 | To supply labour and material to install/replace PVC insulated                                                                  | m    | 4.29           |
|      | cable 1 x 50.0sq mm (including termiN.A.tion to existing)                                                                       |      |                |
| 1007 | To supply labour and material to install digital indicating controller                                                          | no   | 1020           |
|      |                                                                                                                                 |      |                |
|      | (Temp/Humid/Pressure)                                                                                                           |      |                |
| 1008 | To supply labour and materials to replace/install Room/Duct                                                                     | no   | 233.75         |
|      | Temperature Sensor +/- 1 dec C                                                                                                  |      |                |
| 1009 | To supply labour and materials to replace/install Room/Duct                                                                     | no   | 977.5          |
|      | , , , , , , , , , , , , , , , , , , ,                                                                                           |      |                |
|      | Humidity Sensor +/- 5%                                                                                                          |      |                |
|      |                                                                                                                                 |      |                |

| S/No | Description                                                                                                             | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1010 | To supply labour and materials to replace/install Air Flow Switch                                                       | no   | 136            |
| 1011 | To supply labour and materials to replace/install Temperature                                                           | no   | 195.5          |
| 1012 | Controller c/w sensor any DX unit To supply labour and materials to replace/install Modulating Motor                    | no   | 412.25         |
| 1013 | Actuator for valve size up to 39mm Dia To supply labour and materials to replace/install Modulating Motor               | no   | 599.25         |
| 1014 | Actuator for valve size up to 64mm Dia To supply labour and materials to replace/install Modulating Motor               | no   | 684.25         |
| 1015 | Actuator for valve size up to 102mm Dia To supply labour and materials to replace/install Panel for Controller          | no   | 183.6          |
| 1016 | To supply labour and materials to replace/install Differential                                                          | no   | 807.5          |
| 1017 | Pressure Sensor To supply labour and materials to replace/install Room Temperature                                      | no   | 382.5          |
| 1018 | Controller with DDC functioN.A.lity  To supply labour and materials to replace/install Actuator Motor for               | no   | 229.5          |
| 1019 | VAV To supply labour and materials to replace/install Modulating Motor                                                  | no   | 255            |
| 1020 | Actuator for Chilled Water Valve for FCU  To supply labour and materials to replace/install Smoke Detector              | no   | 272            |
| 1021 | and testing  To supply labour and materials to replace/install Thermostat (Single                                       | no   | 170            |
| 1022 | Stage) c/w speed control To supply labour and materials to replace/install Thermostat (Two                              | no   | 255            |
| 1023 | Stage) c/w speed control To supply materials labour and transport for the replacement of                                | no   | 85             |
| 1024 | VSD/Soft Starter Parts -EMC or RFI Filter up to 15.2 kw To supply materials labour and transport for the replacement of | no   | 127.5          |
| 1025 | VSD/Soft Starter Parts -EMC or RFI Filter up to 31 kw To supply materials labour and transport for the replacement of   | no   | 212.5          |
| 1026 | VSD/Soft Starter Parts -EMC or RFI Filter up to 56 kw To supply materials labour and transport for the replacement of   | no   | 255            |
| 1027 | VSD/Soft Starter Parts -EMC or RFI Filter up to 135 kw To supply materials labour and transport for the replacement of  | no   | 59.5           |
| l    |                                                                                                                         | l    | l l            |

| S/No | Description                                                                                                                                       | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1028 | VSD/Soft Starter Parts -Interface Board  To supply materials labour and transport for the replacement of                                          | no   | 42.5           |
| 1029 | VSD/Soft Starter Parts -Thermal Sensor Board To supply materials labour and transport for the replacement of                                      | no   | 340            |
| 1030 | VSD/Soft Starter Parts -Capacitor Assembly To supply materials labour and transport for the replacement of                                        | no   | 68             |
| 1031 | VSD/Soft Starter Parts -InterN.A.I Fan Assembly for VSD/Soft Starter up to 56 kw To supply materials labour and transport for the replacement of  | no   | 127.5          |
| 1032 | VSD/Soft Starter Parts -InterN.A.I Fan Assembly for VSD/Soft Starter up to 135 kw To supply materials labour and transport for the replacement of | no   | 323            |
|      | VSD/Soft Starter Parts -Control Board                                                                                                             |      |                |
| 1033 | To supply materials labour and transport for the replacement of VSD/Soft Starter Parts -Display Keyboard                                          | no   | 59.5           |
| 1034 | To supply materials labour and transport for the replacement of                                                                                   | no   | 850            |
| 1035 | VSD/Soft Starter Parts -Power Board + IPM Module Assembly up to 3 kw To supply materials labour and transport for the replacement of              | no   | 1445           |
| 1036 | VSD/Soft Starter Parts -Power Board + IPM. Module assembly up to 5.5 kw To supply materials labour and transport for the replacement of           | no   | 1700           |
|      | VSD/Soft Starter Parts -Power Board + IPM Module assembly up to 11.5 kw                                                                           |      |                |
| 1037 | To supply materials labour and transport for the replacement of                                                                                   | no   | 680            |
| 1038 | VSD/Soft Starter Parts -Power Board only up to 18.6 kw To supply materials labour and transport for the replacement of                            | no   | 850            |
| 1039 | VSD/Soft Starter Parts -Power Board only up to 46 kw To supply materials labour and transport for the replacement of                              | no   | 1020           |
| 1040 | VSD/Soft Starter Parts -Power Board only up to 56 kw To supply materials labour and transport for the replacement of                              | no   | 1190           |
| 1041 | VSD/Soft Starter Parts -Power Board only up to 135 kw To supply materials labour and transport for the replacement of                             | no   | 850            |
| 1042 | VSD/Soft Starter Parts -IPM Module only up to 135 kw To supply materials labour and transport for the replacement of                              | no   | 357            |
|      | VSD Parts/ILD Cards                                                                                                                               |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1043 | To supply materials labour and transport for the replacement of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 297.5          |
|      | VID D /TOD 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1044 | VSD Parts/TOP Fan  To supply labour, materials, transport and carry out freezing of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 2337.5         |
| 1044 | To supply Tabout, illaterials, transport and carry out freezing of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 2557.5         |
|      | 50mm to 75mm dia A/C pipe inclusive of cutting to install flowmeter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 1045 | To supply labour, materials, transport and carry out freezing of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 3400           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | 100mm to 150mm dia A/C pipe inclusive of cutting to install                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
| 1046 | flowmeter  To supply labour, materials, transport and carry out freezing of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | no   | 5525           |
| 1040 | To supply labour, materials, transport and earry out meeting of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 110  | 3323           |
|      | 200mm dia A/C pipe inclusive of cutting to install flowmeter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1047 | To supply labour , materials, transport and carry out freezing of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 6800           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1048 | 250mm dia A/C pipe inclusive of cutting to install flowmeter  To supply labour, materials, transport and install flowmeter sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 1062.5         |
| 1048 | To supply Tabout, materials, transport and mistan nowineter sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 110  | 1002.5         |
|      | up to 100mm dia A/C pipe including testing and commissioning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1049 | To supply labour , materials, transport and install flowmeter sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 1912.5         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1050 | up to 150mm dia A/C pipe including testing and commissioning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20   | 2762.5         |
| 1030 | To supply labour , materials, transport and install flowmeter sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 2762.5         |
|      | up to 200mm dia A/C pipe including testing and commissioning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1051 | To supply labour , materials, transport and install flowmeter sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 3697.5         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1052 | up to 250mm dia A/C pipe including testing and commissioning To supply labour, materials, transport and install replace flowmeter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 833            |
| 1032 | To supply labour, materials, transport and mistan replace nowineter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 110  | 833            |
|      | reader including testing and commissioning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1053 | To supply labour, materials, transport and install BTU calculator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 956.25         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | complete with necessary sensors and within 30m long complete with cables and conduits for A/C pipes sizes of 50mm to 250mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
|      | diameter to convert flowrate to energy (KWH and MWH) including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | testing and commissioning.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1054 | SOFT STARTER - To supply materials, labour and transport for the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 340            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | installation/replacement of Soft Starter Controller complete with testing and commissioning of the system for motor up to 3 kw.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1055 | SOFT STARTER - To supply materials, labour and transport for the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 425            |
|      | The state of the s |      |                |
|      | installation/replacement of Soft Starter Controller complete with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 4.5  | testing and commissioning of the system for motor up to 4.2 kw.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1056 | SOFT STARTER - To supply materials, labour and transport for the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 510            |
|      | installation/replacement of Soft Starter Controller complete with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | testing and commissioning of the system for motor up to 5.5 kw.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1057 | SOFT STARTER - To supply materials, labour and transport for the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 595            |
| 1    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |

| S/No | Description                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 7.5 kw.                                                                  |      |                |
| 1058 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 680            |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 11.5 kw.                                                                 |      |                |
| 1059 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 850            |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 15.2 kw.                                                                 |      |                |
| 1060 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 1020           |
|      | occidental in supply measures, masser and managements and                                                                        |      | 1020           |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 18.6 kw.                                                                 |      |                |
| 1061 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 1275           |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 22.4kw.                                                                  |      |                |
| 1062 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 1530           |
|      | , , , , , , , , , , , , , , , , , , , ,                                                                                          |      |                |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 31kw.                                                                    |      |                |
| 1063 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 1700           |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 46kw.                                                                    |      |                |
| 1064 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 2125           |
|      | in the lighting / and a common to of Coff Charles a Combanilla a common to be with                                               |      |                |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
| 1065 | testing and commissioning of the system for motor up to 56kw.  SOFT STARTER - To supply materials, labour and transport for the  | no   | 2380           |
| 1003 | 3011 STARTER - 10 Supply materials, labour and transport for the                                                                 | 110  | 2300           |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 76kw.                                                                    |      |                |
| 1066 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 2550           |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 95kw.                                                                    |      |                |
| 1067 | SOFT STARTER - To supply materials, labour and transport for the                                                                 | no   | 2720           |
|      |                                                                                                                                  |      |                |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
| 1068 | testing and commissioning of the system for motor up to 115kw.  SOFT STARTER - To supply materials, labour and transport for the | no   | 2220           |
| 1000 | 301 - 37ARTER - 10 Supply Hilaterials, labour allu tralisport for tile                                                           | no   | 3230           |
|      | installation/replacement of Soft Starter Controller complete with                                                                |      |                |
|      | testing and commissioning of the system for motor up to 135kw.                                                                   |      |                |
| 1069 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                                                                | no   | 1700           |
|      | To supply materials, labour and transport for installation/                                                                      |      |                |
|      | replacement of VSD Controller complete with testing and                                                                          |      |                |
|      | commissioning of the system for motor up to 3 kw.                                                                                |      |                |
|      |                                                                                                                                  |      |                |

| S/No | Description                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|------|----------------|
| 1070 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 1870           |
|      |                                                                                   |      |                |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
| 1071 | commissioning of the system for motor up to 4.2w.                                 |      | 2040           |
| 1071 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 2040           |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 5.5kw.                                |      |                |
| 1072 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 2210           |
|      | ,                                                                                 |      |                |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 7.5kw.                                |      |                |
| 1073 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 2380           |
|      |                                                                                   |      |                |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
| 1074 | commissioning of the system for motor up to 11.5kw.                               |      | 2550           |
| 1074 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 2550           |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 15.2kw.                               |      |                |
| 1075 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 2975           |
|      | ·                                                                                 |      |                |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 18.6kw.                               |      |                |
| 1076 | VARIABLE SPEED DRIVE SYSTEM (VSD)                                                 | no   | 3400           |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 22.4kw.                               |      |                |
| 1077 | VARIABLE SPEED DRIVE CONTROLLER                                                   | no   | 3825           |
|      |                                                                                   |      | 0020           |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 31kw.                                 |      |                |
| 1078 | VARIABLE SPEED DRIVE CONTROLLER                                                   | no   | 5100           |
|      |                                                                                   |      |                |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
| 1079 | commissioning of the system for motor up to 46Kw. VARIABLE SPEED DRIVE CONTROLLER | no   | EOEO           |
| 10/9 | VANIABLE SPEED DIVINE CONTROLLER                                                  | no   | 5950           |
|      | To supply materials, labour and transport for installation/                       |      |                |
|      | replacement of VSD Controller complete with testing and                           |      |                |
|      | commissioning of the system for motor up to 56Kw.                                 |      |                |
| •    | •                                                                                 | •    |                |

| S/No | Description                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1080 | VARIABLE SPEED DRIVE CONTROLLER                                                                                                                                                                                 | no   | 8500           |
|      | To supply materials, labour and transport for installation/replacement of VSD Controller complete with testing and commissioning of the system for motor up to 76Kw.                                            |      |                |
| 1081 | VARIABLE SPEED DRIVE CONTROLLER                                                                                                                                                                                 | no   | 11900          |
|      | To supply materials, labour and transport for installation/replacement of VSD Controller complete with testing and commissioning of the system for motor up to 95Kw.                                            |      |                |
| 1082 | VARIABLE SPEED DRIVE CONTROLLER                                                                                                                                                                                 | no   | 13600          |
| 1083 | To supply materials, labour and transport for installation/<br>replacement of VSD Controller complete with testing and<br>commissioning of the system for motor up to 115Kw.<br>VARIABLE SPEED DRIVE CONTROLLER | no   | 17000          |
|      | To supply materials, labour and transport for installation/<br>replacement of VSD Controller complete with testing and<br>commissioning of the system for motor up to 135Kw.                                    |      |                |
| 1084 | To supply materials, labour and transport for the replacement of                                                                                                                                                | no   | 42.5           |
| 1085 | VSD Parts - TOP Fan Capacitor To supply materials, labour and transport for the replacement of                                                                                                                  | no   | 297.5          |
|      | VSD Parts - DC Card                                                                                                                                                                                             |      |                |
| 1086 | To supply materials, labour and transport for the replacement of                                                                                                                                                | no   | 382.5          |
|      |                                                                                                                                                                                                                 |      |                |
| 1087 | VSD Parts - IGBT Module  To supply materials, labour and transport for the replacement of                                                                                                                       | no   | 425            |
|      | VCD D. I. ICOT. /DCD                                                                                                                                                                                            |      |                |
| 1088 | VSD Parts - IGBT w/PCB To supply materials, labour and transport for the replacement of VSD Parts                                                                                                               | no   | 170            |
| 1089 | - Rectifier  To supply materials, labour and transport for the replacement of VSD  Parts - Relay Card                                                                                                           | no   | 323            |
| 1090 | To supply materials, labour and transport for the replacement of VSD Parts - Gate Drive Board up to 56 kw                                                                                                       | no   | 680            |
| 1091 | To supply materials, labour and transport for the replacement of VSD Parts - Gate Drive Board up to 135 kw                                                                                                      | no   | 1870           |
| 1092 | To supply materials, labour and transport for the replacement of VSD Parts - Programming Card                                                                                                                   | no   | 85             |
| 1093 | To supply materials, labour and transport for the replacement of VSD Parts - Current Transducer                                                                                                                 | no   | 153            |
| 1094 | To supply materials, labour and transport for the replacement of SOFT STARTER Parts - TOP Fan                                                                                                                   | no   | 136            |
| 1095 | To supply materials, labour and transport for the replacement of SOFT STARTER Parts - TOP Fan Capacitor                                                                                                         | no   | 42.5           |
| 1096 | To supply materials, labour and transport for the replacement of SOFT STARTER Parts - Built-In Vent Fan                                                                                                         | no   | 297.5          |

| S/No | Description                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1097 | To supply materials, labour and transport install/replace flow meter reader including testing and commissioning                                                                                                                                               | no   | 1360           |
| 1098 | To supply and install of Screen cable for BAS - 4 Cores x 1.5mm <sup>2</sup>                                                                                                                                                                                  | no   | 4.25           |
| 1099 | To supply and install of 12" Axial flow Fan                                                                                                                                                                                                                   | no   | 238            |
| 1100 | To supply Sling psychrometer                                                                                                                                                                                                                                  | no   | 93.5           |
| 1101 | To supply labour, material and transport for the collection of a Thermo-Hygrographer and return to employer inclusive checking and calibration by a certified calibrator approved by PSB                                                                      | no   | 255            |
| 1102 | To supply material, labour, transport and install/replace including connecting up to power point and ready to operate for an electric time switch (digital type), 230v, 50Hz, 10-30 amperes, quartz reserve (150 hrs) for 24 hours with 1 minute setting.     | no   | 102            |
| 1103 | To supply material, labour, transport and install/replace including                                                                                                                                                                                           | no   | 340            |
|      | connecting up to power point and ready to operate for an electric time switch (digital type), 230v, 50Hz, 7 days operations (weekly) class of protection IP42/11 with minimum time setting of 1 minute. The timer shall have at least 24 start/shop functions |      |                |
| 1104 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                         | m    | 25.5           |
| 1105 | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 20 mm Dia.  To supply all labour, materials, transport for the replace of Class C                                                                                         | m    | 37.4           |
| 1103 |                                                                                                                                                                                                                                                               | 111  | 37.4           |
| 1106 | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 26 mm Dia  To supply all labour, materials, transport for the replace of Class C                                                                                          | m    | 44.2           |
| 1100 |                                                                                                                                                                                                                                                               | ""   | 44.2           |
|      | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 32 mm Dia                                                                                                                                                                 |      |                |
| 1107 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                         | m    | 51             |
|      | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 40 mm Dia                                                                                                                                                                 |      |                |
| 1108 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                         | m    | 64.6           |
|      | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 51 mm Dia                                                                                                                                                                 |      |                |
| 1109 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                         | m    | 81.6           |
| 4440 | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 64 mm Dia                                                                                                                                                                 |      | 100.0          |
| 1110 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                         | m    | 100.3          |
| 4444 | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 80 mm Dia                                                                                                                                                                 |      | 440            |
| 1111 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                         | m    | 119            |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | galvanised steel pipe with necessary fittings, supports, hangers and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | painting up to 102 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1112 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 153            |
|      | galvanised steel pipe with necessary fittings, supports, hangers and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | painting up to 127 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1113 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 187            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | galvanised steel pipe with necessary fittings, supports, hangers and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
| 1114 | painting up to 153 mm Dia To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | m    | 238            |
| 1114 | To supply all labour, materials, transport for the replace of class c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ""   | 230            |
|      | galvanised steel pipe with necessary fittings, supports, hangers and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | painting up to 204 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1115 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 297.5          |
|      | Cuting and a second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | galvanised steel pipe with necessary fittings, supports, hangers and painting up to 305 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 1116 | To install/replace stainless steel pipe (BS 4127) up to 22mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m    | 17             |
|      | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | nomiN.A.I diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1117 | To install/replace stainless steel pipe (BS 4127) up to 28mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m    | 22.95          |
|      | nomiN.A.I diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1118 | To install/replace stainless steel pipe (BS 4127) up to 35mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m    | 29.75          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 23.73          |
|      | nomiN.A.l diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1119 | To install/replace stainless steel pipe (BS 4127) up to 42mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m    | 34             |
|      | nomiN.A.I diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1120 | To install/replace stainless steel pipe (BS 4127) up to 54mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m    | 38.25          |
| 1120 | To motally replace stanless steel pipe (55 1127) up to 5 milli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | 30.23          |
|      | nomiN.A.I diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1121 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 13.6           |
|      | Disability of the control of the con |      |                |
|      | Black steel pipe with necessary fittings, supports, hangers and painting up to 20 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1122 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 14.79          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 4422 | painting up to 26 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | 0.4.00         |
| 1123 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 24.23          |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | painting up to 32 mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1124 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 27.2           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | Black steel pipe with necessary fittings, supports, hangers and painting up to 40mm Dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1125 | To supply all labour, materials, transport for the replace of Class C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 37.4           |
|      | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | •              |

| S/No | Description                                                                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
|      | painting up to 51mm Dia                                                                                                           |      |                |
| 1126 | To supply all labour, materials, transport for the replace of Class C                                                             | m    | 47.6           |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
|      | painting up to 64mm Dia                                                                                                           |      |                |
| 1127 | To supply all labour, materials, transport for the replace of Class C                                                             | m    | 56.1           |
|      |                                                                                                                                   |      |                |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
|      | painting up to 80mm Dia                                                                                                           |      |                |
| 1128 | To supply all labour, materials, transport for the replace of Class C                                                             | m    | 68             |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
|      | painting up to 102mm Dia                                                                                                          |      |                |
| 1129 | To supply all labour, materials, transport for the replace of Class C                                                             | m    | 85             |
|      |                                                                                                                                   |      |                |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
| 1120 | painting up to 127mm Dia                                                                                                          |      | 110 5          |
| 1130 | To supply all labour, materials, transport for the replace of Class C                                                             | m    | 110.5          |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
|      | painting up to 153mm Dia                                                                                                          |      |                |
| 1131 | To supply all labour, materials, transport for the replace of Class C                                                             | m    | 153            |
|      |                                                                                                                                   |      |                |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
| 1132 | painting up to 204mm Dia To supply all labour, materials, transport for the replace of Class C                                    | m    | 212.5          |
| 1132 | To supply all labour, materials, transport for the replace of class c                                                             | ""   | 212.5          |
|      | Black steel pipe with necessary fittings, supports, hangers and                                                                   |      |                |
|      | painting up to 305mm Dia                                                                                                          |      |                |
| 1133 | To dismantle existing condenser/chilled water pipes with all                                                                      | m    | 6.8            |
|      | accessories including insulation up to FOrms namiN A I diameter                                                                   |      |                |
| 1134 | accessories including insulation up to 50mm nomiN.A.I diameter To dismantle existing condenser/chilled water pipes with all       | m    | 8.5            |
| 1154 | To district existing condensely crimed water pipes with an                                                                        |      | 0.5            |
|      | accessories including insulation up to 150mm nomiN.A.l diameter                                                                   |      |                |
| 1135 | To dismantle existing condenser/chilled water pipes with all                                                                      | m    | 10.2           |
|      | 200 and a sixth discrete                                                                                                          |      |                |
| 1136 | accessories including insulation up to 300mm nomiN.A.l diameter  To dismantle existing insulation for chilled water pipes and all | m    | 3.4            |
| 1130 | To distribitive existing insulation for crimed water pipes and an                                                                 | ""   | 5.4            |
|      | accessories up to 50mm nomiN.A.l diameter                                                                                         |      |                |
| 1137 | To dismantle existing insulation for chilled water pipes and all                                                                  | m    | 5.1            |
|      |                                                                                                                                   |      |                |
| 1120 | accessories up to 150mm nomiN.A.I diameter                                                                                        |      | 6.0            |
| 1138 | To dismantle existing insulation for chilled water pipes and all                                                                  | m    | 6.8            |
|      | accessories up to 300mm nomiN.A.I diameter                                                                                        |      |                |
| 1139 | To supply all materials, labour, transport for the install/replace of                                                             | m    | 17             |
|      |                                                                                                                                   |      |                |
|      | polyurethane foam insulation as specified for pipes up to 25mm Dia.                                                               |      |                |

| S/No | Description                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1140 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 18.7           |
| 1141 | polyurethane foam insulation as specified for pipes up to 32mm Dia.  To supply all materials, labour, transport for the install/replace of | m    | 20.4           |
| 1141 | To supply all materials, labour, transport for the install/replace of                                                                      | '''  | 20.4           |
| 1142 | polyurethane foam insulation as specified for pipes up to 40mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 22.95          |
| 1143 | polyurethane foam insulation as specified for pipes up to 51mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 25.5           |
| 1144 | polyurethane foam insulation as specified for pipes up to 64mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 28.9           |
| 1145 | polyurethane foam insulation as specified for pipes up to 80mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 30.6           |
|      | polyurethane foam insulation as specified for pipes up to 102mm Dia.                                                                       |      |                |
| 1146 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 50.15          |
|      | polyurethane foam insulation as specified for pipes up to 127mm Dia.                                                                       |      |                |
| 1147 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 57.38          |
|      | polyurethane foam insulation as specified for pipes up to 153mm Dia.                                                                       |      |                |
| 1148 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 72.25          |
|      | polyurethane foam insulation as specified for pipes up to 204mm Dia.                                                                       |      |                |
| 1149 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 80.75          |
|      | polyurethane foam insulation as specified for pipes up to 254mm Dia.                                                                       |      |                |
| 1150 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 89.25          |
|      | polyurethane foam insulation as specified for pipes up to 305mm Dia.                                                                       |      |                |
| 1151 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 119            |
|      | polyurethane foam insulation as specified for pipes up to 356mm Dia.                                                                       |      |                |
| 1152 | To supply all materials, labour, transport for the install/replace of                                                                      | m    | 11.05          |
| 1153 | 26G aluminium jacket with painting for pipes size up to 26mm Dia. To supply all materials, labour, transport for the install/replace of    | m    | 12.75          |
| 1154 | 26G aluminium jacket with painting for pipes size up to 32mm Dia. To supply all materials, labour, transport for the install/replace of    | m    | 14.45          |
| I    |                                                                                                                                            | İ    | 1              |

| S/No | Description                                                                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1155 | 26G aluminium jacket with painting for pipes size up to 40mm Dia.  To supply all materials, labour, transport for the install/replace of | m    | 17             |
| 1156 | 26G aluminium jacket with painting for pipes size up to 51mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 19.55          |
| 1157 | 26G aluminium jacket with painting for pipes size up to 64mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 22.95          |
| 1158 | 26G aluminium jacket with painting for pipes size up to 80mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 25.5           |
| 1159 | 26G aluminium jacket with painting for pipes size up to 102mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 51.85          |
| 1160 | 26G aluminium jacket with painting for pipes size up to 127mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 58.23          |
| 1161 | 26G aluminium jacket with painting for pipes size up to 152mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 59.93          |
| 1162 | 26G aluminium jacket with painting for pipes size up to 203mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 64.6           |
| 1163 | 26G aluminium jacket with painting for pipes size up to 254mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 68             |
| 1164 | 26G aluminium jacket with painting for pipes size up to 305mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 73.1           |
| 1165 | 26G aluminium jacket with painting for pipes size up to 356mm Dia. To supply all materials, labour, transport for the install/replace of | m    | 7.65           |
| 1166 | 26G aluminium jacket with painting for pipes size up to 26mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 9.35           |
| 1167 | 26G aluminium jacket with painting for pipes size up to 32mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 11.05          |
| 1168 | 26G aluminium jacket with painting for pipes size up to 40mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 13.6           |
| 1169 | 26G aluminium jacket with painting for pipes size up to 51mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 16.15          |
| 1170 | 26G aluminium jacket with painting for pipes size up to 64mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 19.55          |
| 1171 | 26G aluminium jacket with painting for pipes size up to 80mm Dia. To supply all materials, labour, transport for the install/replace of  | m    | 22.1           |

| S/No | Description                                                                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | 26G aluminium jacket with painting for pipes size up to 102mm Dia.                                                                        |      |                |
| 1172 | To supply all materials, labour, transport for the install/replace of                                                                     | m    | 46.75          |
|      | 200 aluminium ingliet with mainting for pines sing up to 127 and Dia                                                                      |      |                |
| 1173 | 26G aluminium jacket with painting for pipes size up to 127mm Dia.  To supply all materials, labour, transport for the install/replace of | m    | F2 20          |
| 11/3 | To supply all materials, labour, transport for the install/replace of                                                                     | ""   | 52.28          |
|      | 26G aluminium jacket with painting for pipes size up to 153mm Dia.                                                                        |      |                |
| 1174 | To supply all materials, labour, transport for the install/replace of                                                                     | m    | 53.98          |
|      |                                                                                                                                           |      |                |
|      | 26G aluminium jacket with painting for pipes size up to 204mm Dia.                                                                        |      |                |
| 1175 | To supply all materials, labour, transport for the install/replace of                                                                     | m    | 58.23          |
|      | 200 aluminium ingliet with mainting for pines sing up to 25 Aprel Dia                                                                     |      |                |
| 1176 | 26G aluminium jacket with painting for pipes size up to 254mm Dia.  To supply all materials, labour, transport for the install/replace of | m    | 116.88         |
| 1170 | To supply all materials, labour, transport for the install/replace of                                                                     | m    | 110.00         |
|      | 26G aluminium jacket with painting for pipes size up to 305mm Dia.                                                                        |      |                |
| 1177 | To supply all materials, labour, transport for the install/replace of                                                                     | m    | 143.23         |
|      |                                                                                                                                           |      |                |
|      | 26G aluminium jacket with painting for pipes size up to 356mm Dia.                                                                        |      |                |
| 1178 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 2.98           |
|      |                                                                                                                                           |      |                |
| 1170 | insulation (all types) for pipes size up to 26mm dia.                                                                                     |      | 2.00           |
| 1179 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 2.98           |
|      | insulation (all types) for pipes size up to 32mm dia.                                                                                     |      |                |
| 1180 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 4.25           |
|      |                                                                                                                                           |      |                |
|      | insulation (all types) for pipes size up to 40mm dia.                                                                                     |      |                |
| 1181 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 4.25           |
|      | insulation (all tunes) for gives sing up to E1 years dis                                                                                  |      |                |
| 1182 | insulation (all types) for pipes size up to 51mm dia.  To supply all tools, labour for the dismantle and remove existing                  | m    | 5.53           |
| 1102 | To supply all tools, labour for the dismantie and remove existing                                                                         | ""   | 5.55           |
|      | insulation (all types) for pipes size up to 64mm dia.                                                                                     |      |                |
| 1183 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 6.8            |
|      |                                                                                                                                           |      |                |
|      | insulation (all types) for pipes size up to 80mm dia.                                                                                     |      |                |
| 1184 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 10.2           |
|      | insulation (all types) for pipes size up to 120mm dia                                                                                     |      |                |
| 1185 | insulation (all types) for pipes size up to 120mm dia.  To supply all tools, labour for the dismantle and remove existing                 | m    | 10.2           |
| 1105 | To supply all tools, labour for the dismande and remove existing                                                                          | ""   | 10.2           |
|      | insulation (all types) for pipes size up to 127mm dia.                                                                                    |      |                |
| 1186 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 13.6           |
|      | _                                                                                                                                         |      |                |
|      | insulation (all types) for pipes size up to 152mm dia.                                                                                    |      |                |
| 1187 | To supply all tools, labour for the dismantle and remove existing                                                                         | m    | 20.4           |
|      | inculation (all types) for pipes size up to 2025 dia                                                                                      |      |                |
| 1188 | insulation (all types) for pipes size up to 203mm dia.  To supply all tools, labour for the dismantle and remove existing                 | m    | 20.4           |
| 1100 | 10 Supply an cools, labour for the distillance and remove existing                                                                        | '''  | 20.4           |
| I    |                                                                                                                                           | I    | ı l            |

| S/No | Description                                                                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | insulation (all types) for pipes size up to 254mm dia.                                                                                   |      |                |
| 1189 | To supply all tools, labour for the dismantle and remove existing                                                                        | m    | 23.8           |
|      | insulation (all types) for pipes size up to 305mm dia.                                                                                   |      |                |
| 1190 | To supply all tools, labour for the dismantle and remove existing                                                                        | m    | 23.8           |
| 1130 | To supply all tools, labour for the dismande and remove existing                                                                         | •••  | 25.0           |
|      | insulation (all types) for pipes size up to 356mm dia.                                                                                   |      |                |
| 1191 | To supply labour, materials, transport fo the installation of up to                                                                      | m2   | 59.5           |
|      |                                                                                                                                          |      |                |
| 1102 | 10mm thickness of Armaflex insulation sheet                                                                                              | m 7  | 03.5           |
| 1192 | To supply labour, materials, transport fo the installation of up to                                                                      | m2   | 93.5           |
|      | 20mm thickness of Armaflex insulation sheet                                                                                              |      |                |
| 1193 | To supply labour, materials, transport fo the installation of up to                                                                      | m2   | 127.5          |
|      |                                                                                                                                          |      |                |
|      | 30mm thickness of Armaflex insulation sheet                                                                                              |      |                |
| 1194 | To supply labour, materials, transport fo the installation of up to                                                                      | m2   | 187            |
|      | 40mm thickness of Armaflex insulation sheet                                                                                              |      |                |
| 1195 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 21.25          |
| 1133 | To supply labour, materials, transport for install, replace polyarethane                                                                 | 110  | 21.25          |
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                 |      |                |
|      | with 26G aluminium jacketing with painting for pipes size up to                                                                          |      |                |
|      | 25mm dia.                                                                                                                                |      |                |
| 1196 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 25.5           |
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                 |      |                |
|      | with 26G aluminium jacketing with painting for pipes size up to                                                                          |      |                |
|      | 32mm dia.                                                                                                                                |      |                |
| 1197 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 29.75          |
|      |                                                                                                                                          |      |                |
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                 |      |                |
|      | with 26G aluminium jacketing with painting for pipes size up to                                                                          |      |                |
| 1198 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 34             |
|      |                                                                                                                                          |      | 3.             |
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                 |      |                |
|      | with 26G aluminium jacketing with painting for pipes size up to                                                                          |      |                |
| 1100 | 51mm dia.                                                                                                                                | 20   | F.4            |
| 1199 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 51             |
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                 |      |                |
|      | with 26G aluminium jacketing with painting for pipes size up to                                                                          |      |                |
|      | 64mm dia.                                                                                                                                |      |                |
| 1200 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 85             |
|      | form inculation for all types of values of williances and fitting complete                                                               |      |                |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to |      |                |
|      | 80mm dia.                                                                                                                                |      |                |
| 1201 | To supply labour, materials, transport for install/replace polyurethane                                                                  | no   | 127.5          |
|      |                                                                                                                                          |      |                |

| S/No | Description                                                                                                                                               | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                                  |      |                |
|      | with 26G aluminium jacketing with painting for pipes size up to 102mm dia.                                                                                |      |                |
| 1202 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 170            |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to 127mm dia.       |      |                |
| 1203 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 212.5          |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to 135mm dia.       |      |                |
| 1204 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 272            |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to 204mm dia.       |      |                |
| 1205 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 340            |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to 254mm dia.       |      |                |
| 1206 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 391            |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to 305mm dia.       |      |                |
| 1207 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 467.5          |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G aluminium jacketing with painting for pipes size up to 356mm dia.       |      |                |
| 1208 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 19.13          |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G galvanised steel jacketing with painting for pipes size up to 25mm dia. |      |                |
| 1209 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 22.95          |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G galvanised steel jacketing with painting for pipes size up to 32mm dia. |      |                |
| 1210 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 26.78          |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G galvanised steel jacketing with painting for pipes size up to 40mm dia. |      |                |
| 1211 | To supply labour, materials, transport for install/replace polyurethane                                                                                   | no   | 30.6           |
|      | form insulation for all types of valves c/w flanges and fitting complete                                                                                  |      |                |

| S/No | Description                                                                                                                          | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | with 26G aluminium jacketing with painting for pipes size up to                                                                      |      |                |
|      | 51mm dia.                                                                                                                            |      |                |
| 1212 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 45.9           |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
|      | size up to 64mm dia.                                                                                                                 |      |                |
| 1213 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 76.5           |
|      |                                                                                                                                      |      |                |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G galvanised steel jacketing with painting for pipes |      |                |
|      | size up to 80mm dia.                                                                                                                 |      |                |
| 1214 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 114.75         |
|      |                                                                                                                                      |      |                |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
| 1215 | size up to 102mm dia.                                                                                                                | 20   | 152            |
| 1215 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 153            |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
|      | size up to 127mm dia.                                                                                                                |      |                |
| 1216 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 191.25         |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
|      | size up to 153mm dia.                                                                                                                |      |                |
| 1217 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 244.8          |
|      |                                                                                                                                      |      |                |
|      | form insulation for all types of valves c/w flanges and fitting complete with 26G galvanised steel jacketing with painting for pipes |      |                |
|      | size up to 204mm dia.                                                                                                                |      |                |
| 1218 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 306            |
|      |                                                                                                                                      |      |                |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
| 1219 | size up to 254mm dia. To supply labour, materials, transport for install/replace polyurethane                                        | 20   | 251.0          |
| 1219 | To supply labour, materials, transport for install/replace polydrethane                                                              | no   | 351.9          |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
|      | size up to 305mm dia.                                                                                                                |      |                |
| 1220 | To supply labour, materials, transport for install/replace polyurethane                                                              | no   | 420.75         |
|      | form insulation for all types of valves c/w flanges and fitting                                                                      |      |                |
|      | complete with 26G galvanised steel jacketing with painting for pipes                                                                 |      |                |
|      | size up to 356mm dia.                                                                                                                |      |                |
| 1221 | To supply labour, materials, transport for install/replace gate valve                                                                | no   | 25.5           |
|      |                                                                                                                                      |      |                |
|      | without insulation but includes painting for diameter up to 15mm.                                                                    |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1222 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 51             |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1222 | without insulation but includes painting for diameter up to 20mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20   | CO             |
| 1223 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 68             |
|      | without insulation but includes painting for diameter up to 26mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1224 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 102            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | without insulation but includes painting for diameter up to 40mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1225 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 136            |
|      | without insulation but includes painting for diameter up to 51mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1226 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 187            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | without insulation but includes painting for diameter up to 64mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1227 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 255            |
|      | without insulation but includes painting for diameter up to 80mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1228 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 340            |
|      | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | without insulation but includes painting for diameter up to 102mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1229 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 476            |
|      | without insulation but includes painting for diameter up to 127mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1230 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 646            |
|      | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | 0.0            |
|      | without insulation but includes painting for diameter up to 153mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1231 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 841.5          |
|      | without insulation but includes painting for diameter up to 204mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1232 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 1122           |
|      | , , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | 1122           |
|      | without insulation but includes painting for diameter up to 254mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1233 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 1449.25        |
|      | without insulation but includes painting for diameter up to 305mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1234 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 68             |
|      | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | with polyurethane foam insulation, aluminium jaketing and painting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | for diameter up to 20mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1235 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 91.8           |
|      | with polyurethane foam insulation, aluminium jaketing and painting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | for diameter up to 20mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1236 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 136            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | with polyurethane foam insulation, aluminium jaketing and painting for diameter up to 40mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
| 1237 | To supply labour, materials, transport for install/replace gate valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 187            |
|      | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s | '''  | 10,            |
|      | with polyurethane foam insulation, aluminium jaketing and painting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |

| S/No | Description                                                                                      | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------|------|----------------|
|      | for diameter up to 51mm.                                                                         |      |                |
| 1238 | To supply labour, materials, transport for install/replace gate valve                            | m    | 255            |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
|      | for diameter up to 64mm.                                                                         |      |                |
| 1239 | To supply labour, materials, transport for install/replace gate valve                            | m    | 357            |
|      |                                                                                                  |      |                |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
| 4240 | for diameter up to 80mm.                                                                         |      | 476            |
| 1240 | To supply labour, materials, transport for install/replace gate valve                            | m    | 476            |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
|      | for diameter up to 102mm.                                                                        |      |                |
| 1241 | To supply labour, materials, transport for install/replace gate valve                            | m    | 612            |
|      |                                                                                                  |      |                |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
| 1242 | for diameter up to 127mm.  To supply labour, materials, transport for install/replace gate valve | m    | 799            |
| 1242 | To supply labour, materials, transport for mistall/replace gate valve                            | ""   | 799            |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
|      | for diameter up to 153mm.                                                                        |      |                |
| 1243 | To supply labour, materials, transport for install/replace gate valve                            | m    | 994.5          |
|      | with polygrathana form inculation, aluminium injecting and pointing                              |      |                |
|      | with polyurethane foam insulation, aluminium jaketing and painting for diameter up to 204mm.     |      |                |
| 1244 | To supply labour, materials, transport for install/replace gate valve                            | m    | 1309           |
|      |                                                                                                  |      |                |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
| 4245 | for diameter up to 254mm.                                                                        |      | 4600           |
| 1245 | To supply labour, materials, transport for install/replace gate valve                            | m    | 1683           |
|      | with polyurethane foam insulation, aluminium jaketing and painting                               |      |                |
|      | for diameter up to 305mm.                                                                        |      |                |
| 1246 | 2 way valve - To supply all materials, labour and transport for                                  | m    | 29.75          |
|      |                                                                                                  |      |                |
|      | install/replace globe valve without insulation but include painting for diameter up to 15mm.     |      |                |
| 1247 | 2 way valve - To supply all materials, labour and transport for                                  | m    | 46.75          |
|      |                                                                                                  |      | 10.75          |
|      | install/replace globe valve without insulation but include painting                              |      |                |
|      | for diameter up to 20mm.                                                                         |      |                |
| 1248 | 2 way valve - To supply all materials, labour and transport for                                  | m    | 68             |
|      | install/replace globe valve without insulation but include painting                              |      |                |
|      | for diameter up to 26mm.                                                                         |      |                |
| 1249 | 2 way valve - To supply all materials, labour and transport for                                  | m    | 102            |
|      |                                                                                                  |      |                |
|      | install/replace globe valve without insulation but include painting                              |      |                |
| 1250 | for diameter up to 40mm.  2 way valve - To supply all materials, labour and transport for        | m    | 136            |
| 1230 | 2 way varve to supply an materials, labout and transport for                                     | '''  | 130            |
| 1    | 1                                                                                                | 1    | 1              |

| S/No | Description                                                                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
| 4054 | for diameter up to 51mm.                                                                                                   |      |                |
| 1251 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 212.5          |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
|      | for diameter up to 64mm.                                                                                                   |      |                |
| 1252 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 263.5          |
|      |                                                                                                                            |      |                |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
| 1253 | for diameter up to 80mm.  2 way valve - To supply all materials, labour and transport for                                  | m    | 202 5          |
| 1233 | 2 way valve - 10 supply all materials, labour and transport for                                                            | m    | 382.5          |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
|      | for diameter up to 102mm.                                                                                                  |      |                |
| 1254 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 493            |
|      |                                                                                                                            |      |                |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
| 1255 | for diameter up to 127mm.  2 way valve - To supply all materials, labour and transport for                                 | m    | 637.5          |
| 1233 | 2 way valve - 10 supply all materials, labour and transport for                                                            | ""   | 037.3          |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
|      | for diameter up to 153mm.                                                                                                  |      |                |
| 1256 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 935            |
|      |                                                                                                                            |      |                |
|      | install/replace globe valve without insulation but include painting for diameter up to 204mm.                              |      |                |
| 1257 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 1402.5         |
|      |                                                                                                                            |      | 1.02.3         |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
|      | for diameter up to 254mm.                                                                                                  |      |                |
| 1258 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 2057           |
|      | install/replace globe valve without insulation but include painting                                                        |      |                |
|      | for diameter up to 305mm.                                                                                                  |      |                |
| 1259 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 91.8           |
|      |                                                                                                                            |      |                |
|      | install/replace globe valve without polyurethane foam insulation,                                                          |      |                |
| 1260 | aluminium jacketing and painting for diameter up to 26mm.                                                                  |      | 126            |
| 1260 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 136            |
|      | install/replace globe valve without polyurethane foam insulation,                                                          |      |                |
|      | aluminium jacketing and painting for diameter up to 40mm.                                                                  |      |                |
| 1261 | 2 way valve - To supply all materials, labour and transport for                                                            | m    | 187            |
|      |                                                                                                                            |      |                |
|      | install/replace globe valve without polyurethane foam insulation,                                                          |      |                |
| 1262 | aluminium jacketing and painting for diameter up to 51mm.  2 way valve - To supply all materials, labour and transport for | m    | 263.5          |
| 1202 | 2 may raise to supply an materials, labour and transport for                                                               | '''  | ۷۵۵.۵          |
|      | install/replace globe valve without polyurethane foam insulation,                                                          |      |                |
|      | aluminium jacketing and painting for diameter up to 64mm.                                                                  |      |                |

| S/No  | Description                                                                                                                  | Unit | Unit Cost (\$) |
|-------|------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1263  | 2 way valve - To supply all materials, labour and transport for                                                              | m    | 365.5          |
|       |                                                                                                                              |      |                |
|       | install/replace globe valve without polyurethane foam insulation,                                                            |      |                |
| 1264  | aluminium jacketing and painting for diameter up to 80mm.                                                                    |      | 400            |
| 1264  | 2 way valve - To supply all materials, labour and transport for                                                              | m    | 493            |
|       | install/replace globe valve without polyurethane foam insulation,                                                            |      |                |
|       | aluminium jacketing and painting for diameter up to 102mm.                                                                   |      |                |
| 1265  | 2 way valve - To supply all materials, labour and transport for                                                              | m    | 629            |
|       |                                                                                                                              |      |                |
|       | install/replace globe valve without polyurethane foam insulation,                                                            |      |                |
|       | aluminium jacketing and painting for diameter up to 127mm.                                                                   |      |                |
| 1266  | 2 way valve - To supply all materials, labour and transport for                                                              | no   | 816            |
|       | install/unulana alaha yaku wikhaya naluyuskhaya farasinaylakina                                                              |      |                |
|       | install/replace globe valve without polyurethane foam insulation, aluminium jacketing and painting for diameter up to 153mm. |      |                |
| 1267  | 2 way valve - To supply all materials, labour and transport for                                                              | no   | 1122           |
| 1207  | 2 way valve - 10 supply all materials, labour and transport for                                                              | 110  | 1122           |
|       | install/replace globe valve without polyurethane foam insulation,                                                            |      |                |
|       | aluminium jacketing and painting for diameter up to 204mm.                                                                   |      |                |
| 1268  | 2 way valve - To supply all materials, labour and transport for                                                              | no   | 1589.5         |
|       |                                                                                                                              |      |                |
|       | install/replace globe valve without polyurethane foam insulation,                                                            |      |                |
| 40.00 | aluminium jacketing and painting for diameter up to 254mm.                                                                   |      |                |
| 1269  | 2 way valve - To supply all materials, labour and transport for                                                              | no   | 2244           |
|       | install/replace globe valve without polyurethane foam insulation,                                                            |      |                |
|       | aluminium jacketing and painting for diameter up to 305mm.                                                                   |      |                |
| 1270  | To supply all materials, labour and transport for install/replace of                                                         | no   | 68             |
|       |                                                                                                                              |      |                |
|       | check valve without insulation but include painting for diameter up                                                          |      |                |
|       | to 26mm.                                                                                                                     |      |                |
| 1271  | To supply all materials, labour and transport for install/replace of                                                         | no   | 102            |
|       | check valve without insulation but include painting for diameter up                                                          |      |                |
|       | to 40mm.                                                                                                                     |      |                |
| 1272  | To supply all materials, labour and transport for install/replace of                                                         | no   | 136            |
|       |                                                                                                                              |      |                |
|       | check valve without insulation but include painting for diameter up                                                          |      |                |
|       | to 51mm.                                                                                                                     |      |                |
| 1273  | To supply all materials, labour and transport for install/replace of                                                         | no   | 187            |
|       | check valve without insulation but include painting for diameter up                                                          |      |                |
|       | to 64mm.                                                                                                                     |      |                |
| 1274  | To supply all materials, labour and transport for install/replace of                                                         | no   | 255            |
|       |                                                                                                                              |      |                |
|       | check valve without insulation but include painting for diameter up                                                          |      |                |
|       | to 80mm.                                                                                                                     |      |                |
| 1275  | To supply all materials, labour and transport for install/replace of                                                         | no   | 382.5          |
|       | check valve without insulation but include painting for diameter up                                                          |      |                |
|       | Linear valve without insulation but include painting for diameter up                                                         |      | I              |

| S/No | Description                                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1276 | to 102mm.  To supply all materials, labour and transport for install/replace of                                                                                                 | no   | 493            |
| 1277 | check valve without insulation but include painting for diameter up to 127mm.  To supply all materials, labour and transport for install/replace of                             | no   | 654.5          |
| 1278 | check valve without insulation but include painting for diameter up to 153mm.  To supply all materials, labour and transport for install/replace of                             | no   | 841.5          |
| 1279 | check valve without insulation but include painting for diameter up to 204mm.  To supply all materials, labour and transport for install/replace of                             | no   | 1122           |
| 1280 | check valve without insulation but include painting for diameter up to 254mm.  To supply all materials, labour and transport for install/replace of                             | no   | 1449.25        |
| 1281 | check valve without insulation but include painting for diameter up to 305mm.  To supply all materials, labour and transport for install/replace of                             | no   | 91.8           |
| 1282 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 26mm.  To supply all materials, labour and transport for install/replace of  | no   | 136            |
| 1283 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 40mm.  To supply all materials, labour and transport for install/replace of  | no   | 187            |
| 1284 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 51mm.  To supply all materials, labour and transport for install/replace of  | no   | 263.5          |
| 1285 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 64mm.  To supply all materials, labour and transport for install/replace of  | no   | 365.5          |
| 1286 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 80mm.  To supply all materials, labour and transport for install/replace of  | no   | 493            |
| 1287 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 102mm.  To supply all materials, labour and transport for install/replace of | no   | 629            |
| 1288 | check valve with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 127mm.  To supply all materials, labour and transport for install/replace of | no   | 816            |

| S/No | Description                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------|------|----------------|
|      | check valve with polyurethane foam insulation, aluminium jacketing     |      |                |
|      | and painting for diameter up to 153mm.                                 |      |                |
| 1289 | To supply all materials, labour and transport for install/replace of   | no   | 994.5          |
|      | check valve with polyurethane foam insulation, aluminium jacketing     |      |                |
|      | and painting for diameter up to 204mm.                                 |      |                |
| 1290 | To supply all materials, labour and transport for install/replace of   | no   | 1309           |
|      | check valve with polyurethane foam insulation, aluminium jacketing     |      |                |
|      | and painting for diameter up to 254mm.                                 |      |                |
| 1291 | To supply all materials, labour and transport for install/replace of   | no   | 1683           |
|      | check valve with polyurethane foam insulation, aluminium jacketing     |      |                |
|      | and painting for diameter up to 305mm.                                 |      |                |
| 1292 | To supply all materials, labour and transport for install/replace of 2 | no   | 212.5          |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 26mm.                                  |      |                |
| 1293 | To supply all materials, labour and transport for install/replace of 2 | no   | 255            |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 40mm.                                  |      |                |
| 1294 | To supply all materials, labour and transport for install/replace of 2 | no   | 340            |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 51mm.                                  |      |                |
| 1295 | To supply all materials, labour and transport for install/replace of 2 | no   | 425            |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 76mm.                                  |      |                |
| 1296 | To supply all materials, labour and transport for install/replace of 2 | no   | 1700           |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 101mm.                                 |      |                |
| 1297 | To supply all materials, labour and transport for install/replace of 2 | no   | 3400           |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 126mm.                                 |      |                |
| 1298 | To supply all materials, labour and transport for install/replace of 2 | no   | 5100           |
|      | way valve with polyurethane foam insulation, aluminium jacketing       |      |                |
|      | and painting for diameter up to 151mm.                                 |      |                |
| 1299 | To supply all materials, labour and transport for install/replace of   | no   | 34             |
|      | strainer without insulation but include painting for diameter up to    |      |                |
|      | 15mm.                                                                  |      |                |
| 1300 | To supply all materials, labour and transport for install/replace of   | no   | 38.25          |
|      | strainer without insulation but include painting for diameter up to    |      |                |
|      | 20mm.                                                                  |      |                |

| S/No | Description                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------|------|----------------|
| 1301 | To supply all materials, labour and transport for install/replace of                   | no   | 46.75          |
|      | strainer without insulation but include painting for diameter up to 26mm.              |      |                |
| 1302 | To supply all materials, labour and transport for install/replace of                   | no   | 85             |
|      | strainer without insulation but include painting for diameter up to 40mm.              |      |                |
| 1303 | To supply all materials, labour and transport for install/replace of                   | no   | 127.5          |
|      | strainer without insulation but include painting for diameter up to 51mm.              |      |                |
| 1304 | To supply all materials, labour and transport for install/replace of                   | no   | 178.5          |
|      | strainer without insulation but include painting for diameter up to 64mm.              |      |                |
| 1305 | To supply all materials, labour and transport for install/replace of                   | no   | 229.5          |
|      | strainer without insulation but include painting for diameter up to 80mm.              |      |                |
| 1306 | To supply all materials, labour and transport for install/replace of                   | no   | 289            |
|      | strainer without insulation but include painting for diameter up to 102mm.             |      |                |
| 1307 | To supply all materials, labour and transport for install/replace of                   | no   | 357            |
|      | strainer without insulation but include painting for diameter up to 127mm.             |      |                |
| 1308 | To supply all materials, labour and transport for install/replace of                   | no   | 510            |
|      | strainer without insulation but include painting for diameter up to 153mm.             |      |                |
| 1309 | To supply all materials, labour and transport for install/replace of                   | no   | 595            |
|      | strainer without insulation but include painting for diameter up to 204mm.             |      |                |
| 1310 | To supply all materials, labour and transport for install/replace of                   | no   | 1122           |
|      | strainer without insulation but include painting for diameter up to 254mm.             |      |                |
| 1311 | To supply all materials, labour and transport for install/replace of                   | no   | 1449.25        |
|      | strainer without insulation but include painting for diameter up to 305mm.             |      |                |
| 1312 | To supply all materials, labour and transport for install/replace of                   | no   | 85             |
|      | strainer include insulation, aluminium jacketing and painting for diameter up to 26mm. |      |                |
| 1313 | To supply all materials, labour and transport for install/replace of                   | no   | 127.5          |
|      | strainer include insulation, aluminium jacketing and painting for                      |      |                |

| S/No | Description                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1314 | diameter up to 40mm.  To supply all materials, labour and transport for install/replace of                                                                                                                                                                                  | no   | 178.5          |
| 1315 | strainer include insulation, aluminium jacketing and painting for diameter up to 51mm.  To supply all materials, labour and transport for install/replace of strainer include insulation, aluminium jacketing and painting for                                              | no   | 229.5          |
| 1316 | diameter up to 64mm.  To supply all materials, labour and transport for install/replace of                                                                                                                                                                                  | no   | 289            |
| 1317 | strainer include insulation, aluminium jacketing and painting for diameter up to 80mm.  To supply all materials, labour and transport for install/replace of                                                                                                                | no   | 365.5          |
| 1318 | strainer include insulation, aluminium jacketing and painting for diameter up to 102mm.  To supply all materials, labour and transport for install/replace of                                                                                                               | no   | 450.5          |
| 1319 | strainer include insulation, aluminium jacketing and painting for diameter up to 127mm.  To supply all materials, labour and transport for install/replace of                                                                                                               | no   | 620.5          |
| 1320 | strainer include insulation, aluminium jacketing and painting for diameter up to 153mm.  To supply all materials, labour and transport for install/replace of                                                                                                               | no   | 807.5          |
| 1321 | strainer include insulation, aluminium jacketing and painting for diameter up to 204mm.  To supply all materials, labour and transport for install/replace of                                                                                                               | no   | 1309           |
| 1322 | strainer include insulation, aluminium jacketing and painting for diameter up to 254mm.  To supply all materials, labour and transport for install/replace of                                                                                                               | no   | 1683           |
| 1323 | strainer include insulation, aluminium jacketing and painting for diameter up to 305mm.  To supply all materials, labour and transport for install/replace of                                                                                                               | no   | 76.5           |
| 1324 | automatic air vent c/w stopcock without insulation but include painting for diameter up to 26mm.  To supply all materials, labour and transport for install/replace of                                                                                                      | no   | 93.5           |
| 1325 | automatic air vent c/w stopcock with polyurethane foam insulation, aluminium jacketing and painting for diameter up to 26mm.  To supply all materials, labour and transport for install/replace of                                                                          | no   | 59.5           |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild steel flanged ends and limiting rods or threaded ends. The flexible joints shall have a normal working pressure rating of 14gf/sq cm and aluminium bursting of 42gf/sq cm for diameter up to 26mm. |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1326 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 85             |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
| 1327 | aluminium bursting of 42gf/sq cm for diameter up to 40mm.  To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 200  | 102            |
| 1327 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 102            |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | aluminium bursting of 42gf/sq cm for diameter up to 51mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1328 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 110.5          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | aluminium bursting of 42gf/sq cm for diameter up to 64mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1329 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 136            |
|      | with an hallow the water family family flowing for the state with halfs to will                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and aluminium bursting of 42gf/sq cm for diameter up to 80mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 1330 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 178.5          |
| 1330 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 110  | 176.5          |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | aluminium bursting of 42gf/sq cm for diameter up to 102mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1331 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 327.25         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | aluminium bursting of 42gf/sq cm for diameter up to 127mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1332 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 383.35         |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | aluminium bursting of 42gf/sq cm for diameter up to 153mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1333 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 542.3          |
|      | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |      | 3 .2.3         |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | aluminium bursting of 42gf/sq cm for diameter up to 204mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1334 | To supply all materials, labour and transport for install/replace of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 748            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |

| S/No | Description                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                              |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                             |      |                |
| 1335 | aluminium bursting of 42gf/sq cm for diameter up to 254mm.  To supply all materials, labour and transport for install/replace of | no   | 935            |
| 1555 | To supply all materials, labour and transport for install/replace of                                                             | 110  | 933            |
|      | rubber bellow with reinforcing fabric flexible joints with built-in mild                                                         |      |                |
|      | steel flanged ends and limiting rods or threaded ends. The flexible                                                              |      |                |
|      | joints shall have a normal working pressure rating of 14gf/sq cm and                                                             |      |                |
| 1226 | aluminium bursting of 42gf/sq cm for diameter up to 305mm.                                                                       |      | 45.2           |
| 1336 | To supply all materials, labour and transport for applying                                                                       | no   | 15.3           |
|      | polyurethane foam (canned type)                                                                                                  |      |                |
| 1337 | To supply all materials, labour and transport for install/replace                                                                | m    | 6.8            |
|      |                                                                                                                                  |      |                |
|      | 20mm diameter pvc drain pipe on surface including all elbows, tees, sockets and supporting clips.                                |      |                |
| 1338 | To supply all materials, labour and transport for install/replace                                                                | m    | 7.65           |
| 1555 | To supply an indecides, labour and transport for instany replace                                                                 |      | 7.03           |
|      | 25mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
|      | sockets and supporting clips.                                                                                                    |      |                |
| 1339 | To supply all materials, labour and transport for install/replace                                                                | m    | 9.35           |
|      | 32mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
|      | sockets and supporting clips.                                                                                                    |      |                |
| 1340 | To supply all materials, labour and transport for install/replace                                                                | m    | 11.05          |
|      | 40mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
|      | sockets and supporting clips.                                                                                                    |      |                |
| 1341 | To supply all materials, labour and transport for install/replace                                                                | m    | 16.15          |
|      |                                                                                                                                  |      |                |
|      | 50mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
| 1342 | sockets and supporting clips.  To supply all materials, labour and transport for install/replace                                 | m    | 22.78          |
| 1542 | To supply all materials, labour and transport for install/replace                                                                | ""   | 22.78          |
|      | 19mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
|      | sockets and supporting clips and make good to area affected.                                                                     |      |                |
| 1343 | To supply all materials, labour and transport for install/replace                                                                | m    | 27.88          |
|      | 25mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
|      | sockets and supporting clips.                                                                                                    |      |                |
| 1344 | To supply all materials, labour and transport for install/replace                                                                | m    | 45.9           |
|      | 54mm diameter pvc drain pipe on surface including all elbows, tees,                                                              |      |                |
|      | sockets and supporting clips.                                                                                                    |      |                |
| 1345 | To install/replace pre-insulated chilled water pipe c/w galvanised                                                               | m    | 41.65          |
|      |                                                                                                                                  |      |                |
| 4245 | steel jacketing up to 25mm nomiN.A.l diameter.                                                                                   |      |                |
| 1346 | To install/replace pre-insulated chilled water pipe c/w galvanised                                                               | m    | 51             |
|      | steel jacketing up to 32mm nomiN.A.l diameter.                                                                                   |      |                |
| •    |                                                                                                                                  | •    | . '            |

| S/No | Description                                                                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1347 | To install/replace pre-insulated chilled water pipe c/w galvanised                                                 | m    | 60.35          |
|      | ate al industria a contra 40 como o accibil A I diagonate o                                                        |      |                |
| 1348 | steel jacketing up to 40mm nomiN.A.l diameter.  To install/replace pre-insulated chilled water pipe c/w galvanised | m    | 73.95          |
| 1340 | To install/replace pre-instituted clilled water pipe c/ w gaivanised                                               | ""   | 75.95          |
|      | steel jacketing up to 50mm nomiN.A.I diameter.                                                                     |      |                |
| 1349 | To install/replace pre-insulated chilled water pipe c/w galvanised                                                 | m    | 87.55          |
|      |                                                                                                                    |      |                |
| 4050 | steel jacketing up to 65mm nomiN.A.l diameter.                                                                     |      | 100.05         |
| 1350 | To install/replace pre-insulated chilled water pipe c/w galvanised                                                 | m    | 102.85         |
|      | steel jacketing up to 76mm nomiN.A.I diameter.                                                                     |      |                |
| 1351 | To install/replace pre-insulated chilled water pipe c/w galvanised                                                 | m    | 119.85         |
|      |                                                                                                                    |      |                |
|      | steel jacketing up to 102mm nomiN.A.l diameter.                                                                    |      |                |
| 1352 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 45.05          |
|      | jacketing up to 25mm nomiN.A.I diameter.                                                                           |      |                |
| 1353 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 54.4           |
|      |                                                                                                                    |      |                |
|      | jacketing up to 32mm nomiN.A.I diameter.                                                                           |      |                |
| 1354 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 63.75          |
|      | jacketing up to 40mm nomiN.A.I diameter.                                                                           |      |                |
| 1355 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 77.35          |
|      | , , , , , , , , , , , , , , , , , , ,                                                                              |      | 77.03          |
|      | jacketing up to 50mm nomiN.A.l diameter.                                                                           |      |                |
| 1356 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 90.95          |
|      | jacketing up to 65mm nomiN.A.I diameter.                                                                           |      |                |
| 1357 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 106.25         |
| 1337 | To instany replace pre instances connect vacer pipe g/ w diaminiani                                                | •••  | 100.23         |
|      | jacketing up to 76mm nomiN.A.I diameter.                                                                           |      |                |
| 1358 | To install/replace pre-insulated chilled water pipe c/w aluminium                                                  | m    | 123.25         |
|      | inclusting our to 102 years page in A. I. die gesteur                                                              |      |                |
| 1359 | jacketing up to 102mm nomiN.A.l diameter.  To paint pipe with one coat of approved zinc chromate primer up to      | m    | 0.34           |
| 1333 | To paint pipe with one cout of approved zine emornate primer up to                                                 | •••  | 0.54           |
|      | 45mm outside diameter.                                                                                             |      |                |
| 1360 | To paint pipe with one coat of approved zinc chromate primer up to                                                 | m    | 0.68           |
|      |                                                                                                                    |      |                |
| 1361 | 76mm outside diameter.  To paint pipe with one coat of approved zinc chromate primer up to                         | m    | 0.85           |
| 1301 | To paint pipe with one coat of approved zinc cilionate primer up to                                                | m    | 0.63           |
|      | 115mm outside diameter.                                                                                            |      |                |
| 1362 | To paint pipe with one coat of approved zinc chromate primer up to                                                 | m    | 1.28           |
|      |                                                                                                                    |      |                |
| 1363 | 220mm outside diameter.  To paint pipe with one coat of approved zinc chromate primer up to                        | m    | 1.62           |
| 1303 | To paint pipe with one coat of approved zinc chromate primer up to                                                 | m    | 1.02           |
|      | 324mm outside diameter.                                                                                            |      |                |
| •    | •                                                                                                                  | •    | . '            |

| S/No  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1364  | To paint pipe with one coat of approved zinc chromate primer up to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | m    | 1.96           |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1365  | 356mm outside diameter.  To paint pipe with two coats of eN.A.mel finishing paint up to 45mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m    | 0.77           |
| 1303  | To paint pipe with two coats of ew.A.mer missing paint up to 45mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | '''  | 0.77           |
|       | outside diameter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1366  | To paint pipe with two coats of eN.A.mel finishing paint up to 76mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m    | 0.94           |
|       | outside diameter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1367  | To paint pipe with two coats of eN.A.mel finishing paint up to 115mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m    | 1.11           |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 40.50 | outside diameter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | 4 =0           |
| 1368  | To paint pipe with two coats of eN.A.mel finishing paint up to 220mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m    | 1.79           |
|       | outside diameter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1369  | To paint pipe with two coats of eN.A.mel finishing paint up to 324mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m    | 2.3            |
|       | and the discount of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 1370  | outside diameter.  To paint pipe with two coats of eN.A.mel finishing paint up to 356mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m    | 2.81           |
| 2070  | To paint pipe that the seate of our anneal missing paint up to see the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | 2.01           |
|       | outside diameter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1371  | To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 4.25           |
|       | insulation for the copper piping, pvc drain pipe, drain pan, and etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|       | with closed cell elastomeric thermal insulation up to 13mm (1/2) ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 4070  | size 3/8 wall thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1372  | To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 6.8            |
|       | insulation for the copper piping, pvc drain pipe, drain pan, and etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|       | with closed cell elastomeric thermal insulation up to 13mm (1/2) ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 1272  | size 1/2 wall thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | 44.0           |
| 1373  | To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 11.9           |
|       | insulation for the copper piping, pvc drain pipe, drain pan, and etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|       | with closed cell elastomeric thermal insulation up to 13mm (1/2) ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 1374  | size 3/4 wall thickness.  To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m    | 22.4           |
| 15/4  | To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 22.1           |
|       | insulation for the copper piping, pvc drain pipe, drain pan, and etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|       | with closed cell elastomeric thermal insulation up to 13mm (1/2) ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 1375  | size 1 wall thickness.  To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m    | 5.1            |
| 13/3  | 10 Supply an inaterials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | '''  | J.1            |
|       | insulation for the copper piping, pvc drain pipe, drain pan, and etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|       | with closed cell elastomeric thermal insulation up to 19mm (3/4) ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
| 1376  | size 3/8 wall thickness.  To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m    | 8.08           |
| -57.5 | To the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the propert |      | 0.00           |
|       | insulation for the copper piping, pvc drain pipe, drain pan, and etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|       | with closed cell elastomeric thermal insulation up to 19mm (3/4) ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|       | size 1/2 wall thickness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1    | Į į            |

| S/No | Description                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------|------|----------------|
| 1377 | To supply all materials, labour and transport for replace the                              | m    | 14.45          |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 19mm (3/4) ID                        |      |                |
|      | size 3/4 wall thickness.                                                                   |      |                |
| 1378 | To supply all materials, labour and transport for replace the                              | m    | 25.5           |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 19mm (3/4) ID                        |      |                |
| 1379 | size 1 wall thickness.  To supply all materials, labour and transport for replace the      | m    | 6.8            |
|      |                                                                                            |      | 0.0            |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 25mm (1) ID                          |      |                |
| 1380 | size 3/8 wall thickness.  To supply all materials, labour and transport for replace the    | m    | 10.2           |
| 1500 | To supply an materials, labour and transport for replace the                               |      | 10.2           |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 25mm (1) ID                          |      |                |
| 1381 | size 1/2 wall thickness.  To supply all materials, labour and transport for replace the    | m    | 16.15          |
| 1381 | To supply all materials, labour and transport for replace the                              | ""   | 10.13          |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 25mm (1) ID                          |      |                |
| 1382 | size 3/4 wall thickness.  To supply all materials, labour and transport for replace the    | m    | 31.45          |
| 1382 | To supply all materials, labour and transport for replace the                              | ""   | 31.43          |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 25mm (1) ID                          |      |                |
| 1383 | size 1 wall thickness.  To supply all materials, labour and transport for replace the      | m    | 8.5            |
| 1303 | To supply all materials, labour and transport for replace the                              | ""   | 6.5            |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 35mm (1 3/8)                         |      |                |
| 1384 | ID size 3/8 wall thickness.  To supply all materials, labour and transport for replace the | m    | 11.9           |
| 1304 | To supply all materials, labour and transport for replace the                              | m    | 11.9           |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 35mm (1 3/8)                         |      |                |
| 1385 | ID size 1/2 wall thickness.  To supply all materials, labour and transport for replace the |      | 22.0           |
| 1303 | To supply all materials, labour and transport for replace the                              | m    | 23.8           |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 35mm (1 3/8)                         |      |                |
| 1206 | ID size 3/4 wall thickness.                                                                | m    | 16 7F          |
| 1386 | To supply all materials, labour and transport for replace the                              | m    | 46.75          |
|      | insulation for the copper piping, pvc drain pipe, drain pan, and etc                       |      |                |
|      | with closed cell elastomeric thermal insulation up to 35mm (1 3/8)                         |      |                |
|      | ID size 1 wall thickness.                                                                  | 1    |                |

| S/No | Description                                                                                                                                                                                                                                                                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1387 | To supply all materials, labour and transport for replace the                                                                                                                                                                                                                                           | m    | 11.05          |
| 1388 | insulation for the copper piping, pvc drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation up to 48mm (1 7/8) ID size 3/8 wall thickness.  To supply all materials, labour and transport for replace the insulation for the copper piping, pvc drain pipe, drain pan, and etc | m    | 16.15          |
| 1389 | with closed cell elastomeric thermal insulation up to 48mm (1 7/8) ID size 1/2 wall thickness.  To supply all materials, labour and transport for replace the                                                                                                                                           | m    | 30.6           |
| 1390 | insulation for the copper piping, pvc drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation up to 48mm (1 7/8) ID size 3/4 wall thickness.  To supply all materials, labour and transport for replace the                                                                      | m    | 51             |
| 1330 | insulation for the copper piping, pvc drain pipe, drain pan, and etc with closed cell elastomeric thermal insulation up to 48mm (1 7/8) ID size 1 wall thickness.                                                                                                                                       | ,,,, | 31             |
| 1391 | To supply all materials, labour and transport to install/replace sheet                                                                                                                                                                                                                                  | m2   | 34             |
| 1392 | insulation 1/4 thick. To supply all materials, labour and transport to install/replace sheet                                                                                                                                                                                                            | m2   | 42.5           |
| 1393 | insulation 3/8 thick. To supply all materials, labour and transport to install/replace sheet                                                                                                                                                                                                            | m2   | 51             |
| 1394 | insulation 1/2 thick. To supply and install test plug.                                                                                                                                                                                                                                                  | no   | 23.8           |
| 1395 | To supply and install test plug but with extra 13mm ball valve for                                                                                                                                                                                                                                      | no   | 32.3           |
| 1396 | isolation purpose.  To supply and install test plug but with hot tapping method.                                                                                                                                                                                                                        | set  | 42.5           |
| 1397 | To supply labour, materials, transport and installation/replacement                                                                                                                                                                                                                                     | no   | 127.5          |
| 1398 | of pipes and valves of up to 26mm dia opening onto existing pipes by using "HOT TAPPING" method.  To supply labour, materials, transport and installation/replacement                                                                                                                                   | no   | 255            |
| 1399 | of pipes and valves of up to 51mm dia opening onto existing pipes by using "HOT TAPPING" method.  To supply labour, materials, transport and installation/replacement                                                                                                                                   | no   | 382.5          |
| 1400 | of pipes and valves of up to 76mm dia opening onto existing pipes by using "HOT TAPPING" method.  To supply labour, materials, transport and installation/replacement                                                                                                                                   | no   | 510            |
|      | of pipes and valves of up to 101mm dia opening onto existing pipes                                                                                                                                                                                                                                      |      |                |

| S/No | Description                                                                                                  | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------|------|----------------|
|      | by using "HOT TAPPING" method.                                                                               |      | 0-             |
| 1401 | To remove existing ducting c/w insulation for area less than 10 sq                                           | job  | 85             |
|      | m.                                                                                                           |      |                |
| 1402 | To remove old insulation from duct for area less than 10 sq m.                                               | job  | 59.5           |
|      |                                                                                                              |      |                |
| 1403 | To remove existing ducting c/w insulation for area more than 10 sq                                           | job  | 8.5            |
|      | m.                                                                                                           |      |                |
| 1404 | To remove old insulation from duct for area more than 10 sq m.                                               | job  | 5.95           |
|      | ·                                                                                                            |      |                |
| 1405 | To supply all materials, labour and transport to fabricate air duct                                          | m2   | 25.5           |
|      | with supports, brackets and etc materials 26BG(0.46mm)                                                       |      |                |
|      | galvanised steel duct.                                                                                       |      |                |
| 1406 | To supply all materials, labour and transport to fabricate and                                               | m2   | 27.2           |
|      |                                                                                                              |      |                |
|      | install/replace air duct with supports, brackets and etc materials                                           |      |                |
| 1407 | 24BG (0.63mm) galvanised steel bare duct.  To supply all materials, labour and transport to fabricate and    | m2   | 30.6           |
| 1407 | To supply all materials, labour and transport to labilitate and                                              | 1112 | 30.0           |
|      | install/replace air duct with supports, brackets and etc materials                                           |      |                |
|      | 22BG (0.79mm) galvanised steel bare duct.                                                                    | _    |                |
| 1408 | To supply all materials, labour and transport to fabricate and                                               | m2   | 39.1           |
|      | install/replace air duct with supports, brackets and etc materials                                           |      |                |
|      | 20BG (0.99mm) galvanised steel bare duct.                                                                    |      |                |
| 1409 | To supply all materials, labour and transport to fabricate and                                               | m2   | 47.6           |
|      | install/raplace air dust with supports breakets and atamatarials                                             |      |                |
|      | install/replace air duct with supports, brackets and etc materials 18BG (1.24mm) galvanised steel duct.      |      |                |
| 1410 | To supply all materials, labour and transport to fabricate and                                               | m2   | 56.1           |
|      |                                                                                                              |      |                |
|      | install/replace air duct with supports, brackets and etc materials                                           |      |                |
| 1411 | 16BG (1.57mm) galvanised steel duct.  To supply all materials, labour and transport to fabricate and install | no   | 136            |
| 1411 | To supply all materials, labour and transport to labilitate and install                                      | 110  | 130            |
|      | split damper for branch duct (20BG).                                                                         |      |                |
| 1412 | To supply all materials, labour and transport to fabricate and install                                       | m    | 27.2           |
|      | neoprene flexible connection for duct.                                                                       |      |                |
| 1413 | To fabricate and install air duct within or inside air handling unit                                         | m2   | 28.05          |
|      |                                                                                                              |      |                |
|      | rooms. 26BG (0.46mm) galvanised steel bare duct.                                                             | _    |                |
| 1414 | To fabricate and install air duct within or inside air handling unit                                         | m2   | 29.75          |
|      | rooms. 24BG (0.63mm) galvanised steel bare duct.                                                             |      |                |
| 1415 | To fabricate and install air duct within or inside air handling unit                                         | m2   | 34             |
|      |                                                                                                              |      |                |
|      | rooms. 22BG (0.79mm) galvanised steel bare duct.                                                             |      |                |

| S/No | Description                                                                                                              | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1416 | To fabricate and install air duct within or inside air handling unit                                                     | m2   | 43.35          |
|      | rooms. 20BG (0.99mm) galvanised steel bare duct.                                                                         |      |                |
| 1417 | To fabricate and install air duct within or inside air handling unit                                                     | m2   | 52.7           |
|      | Ç                                                                                                                        |      |                |
|      | rooms. 18BG (1.24mm) galvanised steel bare duct.                                                                         | _    |                |
| 1418 | To fabricate and install air duct within or inside air handling unit                                                     | m2   | 59.5           |
|      | rooms. 16BG (1.57mm) galvanised steel bare duct.                                                                         |      |                |
| 1419 | To supply all materials, labour and transport to install flexible                                                        | m    | 22.95          |
|      |                                                                                                                          |      |                |
| 1420 | ducting c/w 25mm x 32kg/cu m insulation for 150mm dia. To supply all materials, labour and transport to install flexible | m    | 25.5           |
| 1420 | To supply all materials, labour and transport to install hexible                                                         | ""   | 23.3           |
|      | ducting c/w 25mm x 32kg/cu m insulation for 175mm dia.                                                                   |      |                |
| 1421 | To supply all materials, labour and transport to install flexible                                                        | m    | 28.05          |
|      | ducting c/w 25mm x 32kg/cu m insulation for 200mm dia.                                                                   |      |                |
| 1422 | To supply all materials, labour and transport to install flexible                                                        | m    | 31.88          |
|      |                                                                                                                          |      |                |
|      | ducting c/w 25mm x 32kg/cu m insulation for 225mm dia.                                                                   |      |                |
| 1423 | To supply all materials, labour and transport to install flexible                                                        | m    | 35.28          |
|      | ducting c/w 25mm x 32kg/cu m insulation for 250mm dia.                                                                   |      |                |
| 1424 | To supply all materials, labour and transport to install flexible                                                        | m    | 42.5           |
|      | dusting a hu 25 mm v 22 kg/au m insulation for 200 mm dia                                                                |      |                |
| 1425 | ducting c/w 25mm x 32kg/cu m insulation for 300mm dia. To supply all materials, labour and transport to install flexible | m    | 49.3           |
| 1.15 |                                                                                                                          |      | 43.3           |
|      | ducting c/w 25mm x 32kg/cu m insulation for 350mm dia.                                                                   |      |                |
| 1426 | To supply all materials, labour and transport to install flexible                                                        | m    | 55.25          |
|      | ducting c/w 25mm x 32kg/cu m insulation for 400mm dia.                                                                   |      |                |
| 1427 | To supply all materials, labour and transport to install flexible                                                        | m    | 66.3           |
|      |                                                                                                                          |      |                |
| 1428 | ducting c/w 25mm x 32kg/cu m insulation for 450mm dia. To supply all materials, labour and transport to install flexible | m    | 71.83          |
| 1420 | To supply all materials, labour and transport to install hexible                                                         | 111  | 71.05          |
|      | ducting c/w 25mm x 32kg/cu m insulation for 500mm dia.                                                                   |      |                |
| 1429 | To supply and install flexible ducting without insulation 150mm dia.                                                     | m    | 13.6           |
| 1430 | To supply and install flexible ducting without insulation 175mm dia.                                                     | m    | 16.15          |
| 1,30 |                                                                                                                          |      | 10.13          |
| 1431 | To supply and install flexible ducting without insulation 200mm dia.                                                     | m    | 20.4           |
| 1432 | To supply and install flexible ducting without insulation 225mm dia.                                                     | m    | 22.4           |
| 1432 | TO SUPPLY AND INSTAIL HEARDIE DUCTING WITHOUT INSUIDITION ZZOMINI CIA.                                                   | m    | 22.1           |
| 1433 | To supply and install flexible ducting without insulation 250mm dia.                                                     | m    | 25.5           |
| 440: |                                                                                                                          |      |                |
| 1434 | To supply and install flexible ducting without insulation 300mm dia.                                                     | m    | 30.6           |
| 1    |                                                                                                                          | l    | ı İ            |

| S/No | Description                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1435 | To supply and install flexible ducting without insulation 350mm dia.                                                                                                                          | m    | 36.55          |
| 1436 | To supply and install flexible ducting without insulation 400mm dia.                                                                                                                          | m    | 40.8           |
| 1437 | To supply and install flexible ducting without insulation 450mm dia.                                                                                                                          | m    | 45.9           |
| 1438 | To supply and install flexible ducting without insulation 500mm dia.                                                                                                                          | m    | 51             |
| 1439 | To supply labour and tools to cut hole opening on main duct up tp                                                                                                                             | no   | 25.5           |
| 1440 | 210mm dia. To supply labour and tools to cut hole opening on main duct up tp                                                                                                                  | no   | 34             |
| 1441 | 255mm dia.  To supply labour and tools to cut hole opening on main duct up tp                                                                                                                 | no   | 42.5           |
| 1442 | 355mm dia.  To supply materials, labour to insulate bare duct with 25mm thick                                                                                                                 | m2   | 22.1           |
|      | fibre glass wool, thermal conductivity of no more than 0.038 W(m.K) at 24 deg C mean temperature and density of 32 kg/cu m - return air duct exterN.A.I.                                      |      |                |
| 1443 | To supply materials, labour to insulate bare duct with 51mm thick                                                                                                                             | m2   | 36.55          |
|      | fibre glass wool, thermal conductivity of no more than 0.038 W(m.K) at 24 deg C mean temperature and density of 32 kg/cu m - supply air duct exterN.A.I.                                      |      |                |
| 1444 | To supply materials, labour to insulate bare duct with 25mm thick                                                                                                                             | m2   | 43.35          |
|      | rockwool thermal conductivity 0.04 w/m. K at 24 deg C mean and density of 100kg/cu m covered by perforated aluminium sheet including fastening studs interN.A.lly on duct.                    |      |                |
| 1445 | To supply materials, labour to insulate bare duct with 25mm thick                                                                                                                             | m2   | 49.3           |
|      | rockwool thermal conductivity 0.04 w/m. K at 24 deg C mean and density of 100kg/cu m lamiN.A.ted by double sided aluminium foil and secured by perforated aluminium sheet (approved gauge) on |      |                |
| 1446 | interN.A.I duct.                                                                                                                                                                              | 2    | CF 4F          |
| 1446 | To supply materials, labour to insulate bare duct with 51mm thick                                                                                                                             | m2   | 65.45          |
|      | rockwool thermal conductivity 0.04 w/m. K at 24 deg C mean and density of 144kg/cu m covered by perforated aluminium sheet including fastening studs interN.A.lly duct.                       |      |                |
| 1447 | To supply materials, labour to insulate bare duct with 51mm thick                                                                                                                             | m2   | 68             |
|      | rockwool thermal conductivity 0.04 w/m. K at 24 deg C mean and density of 144kg/cu m lamiN.A.ted by double sided aluminium foil and secured by perforated aluminium sheet (approved gauge) on |      |                |
| 1448 | interN.A.l duct.  To supply/replacement/installation of galvanised support bracket                                                                                                            | set  | 34             |

| S/No  | Description                                                                                                                     | Unit | Unit Cost (\$) |
|-------|---------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|       | and treaded hanger rods for ducting or water pipes etc per set                                                                  |      |                |
|       | (bracket size: 40mm x 0.5mm, rod 10mm dia, rowbolt 10mm dia).                                                                   |      |                |
| 1449  | To supply and install hybrid plaster min 12mm thick c/w chicken                                                                 | m2   | 66.73          |
|       | wire mesh after the insulation.                                                                                                 |      |                |
| 1450  | To cut hole opening on the supply/return/fresh air duct and install                                                             | no   | 10.2           |
|       |                                                                                                                                 |      |                |
| 4.454 | instrument test hole fitting (test port)                                                                                        |      | <b>5</b> 4     |
| 1451  | To cut hole opening on the supply/return/fresh air duct and install                                                             | no   | 51             |
|       | access panels. The access panel shall be of double skin                                                                         |      |                |
|       | construction with at least 25mm thick fibreglass insultion frame and                                                            |      |                |
|       | panel shall be constructed of high grade, heavy galvanised sheet                                                                |      |                |
|       | c/w approved gasket, positive sealing latches and hinges for                                                                    |      |                |
|       | 150mm x 240mm (or equivalent area) of panel size.                                                                               |      |                |
| 1452  | To cut hole opening on the supply/return/fresh air duct and install                                                             | no   | 59.5           |
|       | access panels. The access panel shall be of double skin                                                                         |      |                |
|       | construction with at least 25mm thick fibreglass insultion frame and                                                            |      |                |
|       | panel shall be constructed of high grade, heavy galvanised sheet                                                                |      |                |
|       | c/w approved gasket, positive sealing latches and hinges for                                                                    |      |                |
|       | 240mm x 375mm (or equivalent area) of panel size.                                                                               |      |                |
| 1453  | To cut hole opening on the supply/return/fresh air duct and install                                                             | no   | 76.5           |
|       | access panels. The access panel shall be of double skin                                                                         |      |                |
|       | construction with at least 25mm thick fibreglass insultion frame and                                                            |      |                |
|       | panel shall be constructed of high grade, heavy galvanised sheet                                                                |      |                |
|       | c/w approved gasket, positive sealing latches and hinges for 308m                                                               |      |                |
|       | x 500mm (or equivalent area) of panel size.                                                                                     |      |                |
| 1454  | To cut hole opening on the supply/return/fresh air duct and install                                                             | no   | 102            |
|       | access panels. The access panel shall be of double skin                                                                         |      |                |
|       | construction with at least 25mm thick fibreglass insultion frame and                                                            |      |                |
|       | panel shall be constructed of high grade, heavy galvanised sheet                                                                |      |                |
|       | c/w approved gasket, positive sealing latches and hinges for                                                                    |      |                |
| 4.55  | 500mm x 649mm (or equivalent area) of panel size.                                                                               |      |                |
| 1455  | To supply materials, labour and tools to prepare surface and apply one                                                          | job  | 59.5           |
|       | coat of approved primer and two coats of approved finishing paint to ductwork inclduing hangers and supports for area less than |      |                |
|       | 10 sq m.                                                                                                                        |      |                |
| 1456  | To supply materials, labour and tools to prepare surface and apply one                                                          | m2   | 5.95           |
|       | coat of approved primer and two coats of approved finishing                                                                     |      |                |
|       | paint to ductwork inclduing hangers and supports for area more                                                                  |      |                |
|       | than 10 sq m.                                                                                                                   |      |                |
| 1457  | To interN.A.lly clean air duct system that includes supply and return                                                           | m2   | 68             |
|       | air ducts, diffusers, interN.A.l insulation and etc. the distance between                                                       |      |                |
|       | the nearest air conditioned area served and AHU shall be within 5m.                                                             |      |                |
| 1458  | To interN.A.lly clean air duct system that includes supply air ducts,                                                           | m2   | 42.5           |
|       | diffusers, interN.A.I insulation and etc. the distance between the                                                              |      |                |

| S/No | Description                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1459 | nearest air conditioned area served and AHU shall be within 5m. To supply and install VAV BOX of size 5" dia, model V750D, air flow | no   | 110.5          |
| 1460 | 0-298 CMH. To supply and install VAV BOX of size 6" dia, model V750D, air flow                                                      | no   | 114.75         |
| 1461 | 299-665 CMH. To supply and install VAV BOX of size 7" dia, model V750D, air flow                                                    | no   | 119            |
| 1462 | 666-850 CMH. To supply and install VAV BOX of size 8" dia, model V750D, air flow                                                    | no   | 123.25         |
| 1463 | 851-1125 CMH. To supply and install VAV BOX of size 10" dia, model V750D, air                                                       | no   | 136            |
| 1464 | flow 1126-1700 CMH.  To supply and install VAV BOX of size 12" dia, model V750D, air                                                | no   | 148.75         |
| 1465 | flow 1701-2484 CMH.  To supply and install VAV BOX of size 14" dia, model V750D, air                                                | no   | 165.75         |
| 1466 | flow 2485-3538 CMH.  To supply and install VAV BOX of size 16" dia, model V750D, air                                                | no   | 182.75         |
| 1467 | flow 3539-4456 CMH.  To supply and install VAV BOX of size 18" dia, model V750D, air                                                | no   | 212.5          |
| 1468 | flow 4457-5690 CMH.  To supply and install supply air register (side throw type) of size                                            | no   | 59.5           |
| 1469 | 300mm x 150mm fpr quantity of up to 10 nos.  To supply and install supply air register (side throw type) of size                    | no   | 64.6           |
| 1470 | 400mm x 150mm for quantity of up to 10 nos. To supply and install supply air register (side throw type) of size                     | no   | 69.7           |
| 1471 | 400mm x 200mm for quantity of up to 10 nos. To supply and install supply air register (side throw type) of size                     | no   | 76.5           |
| 1472 | 500mm x 150mm for quantity of up to 10 nos. To supply and install supply air register (side throw type) of size                     | no   | 101.15         |
| 1473 | 500mm x 200mm for quantity of up to 10 nos. To supply and install supply air register (side throw type) of size                     | no   | 107.1          |
| 1474 | 600mm x 200mm for quantity of up to 10 nos. To supply and install supply air register (side throw type) of size                     | no   | 53.55          |
| 1475 | 300mm x 150mm for quantity of up to 30 nos.  To supply and install supply air register (side throw type) of size                    | no   | 57.8           |

| S/No  | Description                                                                                                          | Unit | Unit Cost (\$) |
|-------|----------------------------------------------------------------------------------------------------------------------|------|----------------|
|       | 400mm x 150mm for quantity of up to 30 nos.                                                                          |      |                |
| 1476  | To supply and install supply air register (side throw type) of size                                                  | no   | 62.73          |
|       |                                                                                                                      |      |                |
| 4.477 | 400mm x 200mm for quantity of up to 30 nos.                                                                          |      |                |
| 1477  | To supply and install supply air register (side throw type) of size                                                  | no   | 63.75          |
|       | 500mm x 150mm for quantity of up to 30 nos.                                                                          |      |                |
| 1478  | To supply and install supply air register (side throw type) of size                                                  | no   | 67.15          |
| 1470  | To supply and install supply all register (side tillow type) of size                                                 | 110  | 07.13          |
|       | 500mm x 200mm for quantity of up to 30 nos.                                                                          |      |                |
| 1479  | To supply and install supply air register (side throw type) of size                                                  | no   | 72.25          |
|       |                                                                                                                      |      |                |
|       | 600mm x 200mm for quantity of up to 30 nos.                                                                          |      |                |
| 1480  | To supply and install supply air register (side throw type) of size                                                  | no   | 50.15          |
|       |                                                                                                                      |      |                |
|       | 300mm x 150mm for quantity of up to 60 nos.                                                                          |      |                |
| 1481  | To supply and install supply air register (side throw type) of size                                                  | no   | 54.4           |
|       | 400mm x 150mm for quantity of up to 60 nos.                                                                          |      |                |
| 1482  | To supply and install supply air register (side throw type) of size                                                  | no   | 58.65          |
| 1402  | To supply and install supply all register (side tillow type) of size                                                 | 110  | 36.03          |
|       | 400mm x 200mm for quantity of up to 60 nos.                                                                          |      |                |
| 1483  | To supply and install supply air register (side throw type) of size                                                  | no   | 60.35          |
|       |                                                                                                                      |      |                |
|       | 500mm x 150mm for quantity of up to 60 nos.                                                                          |      |                |
| 1484  | To supply and install supply air register (side throw type) of size                                                  | no   | 62.9           |
|       |                                                                                                                      |      |                |
| 4.405 | 500mm x 200mm for quantity of up to 60 nos.                                                                          |      |                |
| 1485  | To supply and install supply air register (side throw type) of size                                                  | no   | 68             |
|       | 600mm x 200mm for quantity of up to 60 nos.                                                                          |      |                |
| 1486  | To supply and install supply air register (side throw type) of size                                                  | no   | 44.63          |
|       |                                                                                                                      |      | 11.05          |
|       | 300mm x 150mm for quantity of more than 60 nos.                                                                      |      |                |
| 1487  | To supply and install supply air register (side throw type) of size                                                  | no   | 48.45          |
|       |                                                                                                                      |      |                |
|       | 400mm x 150mm for quantity of more than 60 nos.                                                                      |      |                |
| 1488  | To supply and install supply air register (side throw type) of size                                                  | no   | 52.28          |
|       | 400                                                                                                                  |      |                |
| 1489  | 400mm x 200mm for quantity of more than 60 nos.  To supply and install supply air register (side throw type) of size | 20   | E2 EE          |
| 1469  | To supply and install supply all register (side tillow type) of size                                                 | no   | 53.55          |
|       | 500mm x 150mm for quantity of more than 60 nos.                                                                      |      |                |
| 1490  | To supply and install supply air register (side throw type) of size                                                  | no   | 56.1           |
|       |                                                                                                                      |      |                |
|       | 500mm x 200mm for quantity of more than 60 nos.                                                                      |      |                |
| 1491  | To supply and install supply air register (side throw type) of size                                                  | no   | 60.35          |
|       |                                                                                                                      |      |                |
| 4.400 | 600mm x 200mm for quantity of more than 60 nos.                                                                      |      | 50.5           |
| 1492  | To supply and install ceiling diffuser c/w volume control damper                                                     | no   | 59.5           |
| l     |                                                                                                                      |      |                |

| S/No | Description                                                                                                                        | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1493 | (four way) of size 150mm x 150mm for quantity of up to 10 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 63.75          |
| 1494 | (four way) of size 200mm x 200mm for quantity of up to 10 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 80.75          |
| 1495 | (four way) of size 300mm x 300mm for quantity of up to 10 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 96.05          |
| 1496 | (four way) of size 400mm x 400mm for quantity of up to 10 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 118.15         |
| 1497 | (four way) of size 500mm x 500mm for quantity of up to 10 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 136            |
| 1498 | (four way) of size 600mm x 600mm for quantity of up to 10 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 58.14          |
| 1499 | (four way) of size 150mm x 150mm for quantity of up to 30 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 59.5           |
| 1500 | (four way) of size 200mm x 200mm for quantity of up to 30 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 76.5           |
| 1501 | (four way) of size 300mm x 300mm for quantity of up to 30 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 86.45          |
| 1502 | (four way) of size 400mm x 400mm for quantity of up to 30 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 106.25         |
| 1503 | (four way) of size 500mm x 500mm for quantity of up to 30 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 128.35         |
| 1504 | (four way) of size 600mm x 600mm for quantity of up to 30 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 54.4           |
| 1505 | (four way) of size 150mm x 150mm for quantity of up to 60 nos.<br>To supply and install ceiling diffuser c/w volume control damper | no   | 60.35          |
| 1506 | (four way) of size 200mm x 200mm for quantity of up to 60 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 73.1           |
| 1507 | (four way) of size 300mm x 300mm for quantity of up to 60 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 81.6           |
| 1508 | (four way) of size 400mm x 00mm for quantity of up to 60 nos.<br>To supply and install ceiling diffuser c/w volume control damper  | no   | 100.3          |
| 1509 | (four way) of size 500mm x 500mm for quantity of up to 60 nos. To supply and install ceiling diffuser c/w volume control damper    | no   | 120.7          |

| S/No | Description                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------|------|----------------|
|      | (four way) of size 600mm x 600mm for quantity of up to 60 nos.                                 |      |                |
| 1510 | To supply and install ceiling diffuser c/w volume control damper                               | no   | 48.45          |
|      | (four way) of size 150mm x 150mm for quantity of more than 60                                  |      |                |
|      | nos.                                                                                           |      |                |
| 1511 | To supply and install ceiling diffuser c/w volume control damper                               | no   | 53.55          |
|      | (four way) of size 200mm x 200mm for quantity of more than 60 nos.                             |      |                |
| 1512 | To supply and install ceiling diffuser c/w volume control damper                               | no   | 64.6           |
|      | (four way) of size 300mm x 300mm for quantity of more than 60 nos.                             |      |                |
| 1513 | To supply and install ceiling diffuser c/w volume control damper                               | no   | 71.4           |
|      | (four way) of size 400mm x 400mm for quantity of more than 60                                  |      |                |
| 1514 | nos.  To supply and install ceiling diffuser c/w volume control damper                         | no   | 88.4           |
|      |                                                                                                |      |                |
|      | (four way) of size 500mm x 500mm for quantity of more than 60 nos.                             |      |                |
| 1515 | To supply and install ceiling diffuser c/w volume control damper                               | no   | 107.1          |
|      | (four way) of size 600mm x 600mm for quantity of more than 60 nos.                             |      |                |
| 1516 | To supply and install ceiling diffuser (four way) complete with                                | no   | 73.1           |
|      | plenum BOX and volume control damper of size 150mm x 150mm for quantity of up to 10 nos.       |      |                |
| 1517 | To supply and install ceiling diffuser (four way) complete with                                | no   | 79.9           |
|      | plenum BOX and volume control damper of size 200mm x 200mm for quantity of up to 10 nos.       |      |                |
| 1518 | To supply and install ceiling diffuser (four way) complete with                                | no   | 99.45          |
|      | plenum BOX and volume control damper of size 300mm x 300mm for quantity of up to 10 nos.       |      |                |
| 1519 | To supply and install ceiling diffuser (four way) complete with                                | no   | 113.05         |
|      | plenum BOX and volume control damper of size 400mm x 400mm                                     |      |                |
| 1520 | for quantity of up to 10 nos.  To supply and install ceiling diffuser (four way) complete with | no   | 139.4          |
| 1520 |                                                                                                |      | 133.4          |
|      | plenum BOX and volume control damper of size 500mm x 500mm for quantity of up to 10 nos.       |      |                |
| 1521 | To supply and install ceiling diffuser (four way) complete with                                | no   | 151.3          |
|      | plenum BOX and volume control damper of size 600mm x 600mm for quantity of up to 10 nos.       |      |                |
| 1522 | To supply and install ceiling diffuser (four way) complete with                                | no   | 65.79          |
|      |                                                                                                |      |                |

| S/No | Description                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------|------|----------------|
|      | plenum BOX and volume control damper of size 150mm x 150mm                                     |      |                |
| 4500 | for quantity of up to 30 nos.                                                                  |      |                |
| 1523 | To supply and install ceiling diffuser (four way) complete with                                | no   | 71.4           |
|      | plenum BOX and volume control damper of size 200mm x 200mm                                     |      |                |
|      | for quantity of up to 30 nos.                                                                  |      |                |
| 1524 | To supply and install ceiling diffuser (four way) complete with                                | no   | 89.25          |
|      |                                                                                                |      |                |
|      | plenum BOX and volume control damper of size 300mm x 300mm for quantity of up to 30 nos.       |      |                |
| 1525 | To supply and install ceiling diffuser (four way) complete with                                | no   | 101.15         |
| 1323 | To supply and mistan centing annuser (roan way) complete with                                  | 110  | 101.13         |
|      | plenum BOX and volume control damper of size 400mm x 400mm                                     |      |                |
|      | for quantity of up to 30 nos.                                                                  |      |                |
| 1526 | To supply and install ceiling diffuser (four way) complete with                                | no   | 124.95         |
|      | plenum BOX and volume control damper of size 500mm x 500mm                                     |      |                |
|      | for quantity of up to 30 nos.                                                                  |      |                |
| 1527 | To supply and install ceiling diffuser (four way) complete with                                | no   | 136.85         |
|      |                                                                                                |      |                |
|      | plenum BOX and volume control damper of size 600mm x 600mm                                     |      |                |
| 1528 | for quantity of up to 30 nos.  To supply and install ceiling diffuser (four way) complete with | no   | 62.05          |
| 1320 | To supply and instancening unitiser (rour way) complete with                                   | 110  | 62.05          |
|      | plenum BOX and volume control damper of size 150mm x 150mm                                     |      |                |
|      | for quantity of up to 60 nos.                                                                  |      |                |
| 1529 | To supply and install ceiling diffuser (four way) complete with                                | no   | 67.15          |
|      | plenum BOX and volume control damper of size 200mm x 200mm                                     |      |                |
|      | for quantity of up to 60 nos.                                                                  |      |                |
| 1530 | To supply and install ceiling diffuser (four way) complete with                                | no   | 84.15          |
|      |                                                                                                |      |                |
|      | plenum BOX and volume control damper of size 300mm x 300mm                                     |      |                |
| 1531 | for quantity of up to 60 nos.  To supply and install ceiling diffuser (four way) complete with | no   | 96.05          |
| 1551 | To supply and instancening unfuser (four way) complete with                                    | 110  | 96.05          |
|      | plenum BOX and volume control damper of size 400mm x 400mm                                     |      |                |
|      | for quantity of up to 60 nos.                                                                  |      |                |
| 1532 | To supply and install ceiling diffuser (four way) complete with                                | no   | 118.15         |
|      | plenum BOX and volume control damper of size 500mm x 500mm                                     |      |                |
|      | for quantity of up to 60 nos.                                                                  |      |                |
| 1533 | To supply and install ceiling diffuser (four way) complete with                                | no   | 127.5          |
|      |                                                                                                |      |                |
|      | plenum BOX and volume control damper of size 600mm x 600mm                                     |      |                |
| 1534 | for quantity of up to 60 nos.  To supply and install ceiling diffuser (four way) complete with | no   | 54.4           |
| 1554 | 10 Supply and instance ming annuser from way, complete with                                    | 110  | J4.4           |
|      | plenum BOX and volume control damper of size 150mm x 150mm                                     |      |                |
|      | for quantity of more than 60 nos.                                                              |      |                |

| S/No | Description                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1535 | To supply and install ceiling diffuser (four way) complete with                                                                | no   | 59.93          |
|      | plenum BOX and volume control damper of size 200mm x 200mm for quantity of more than 60 nos.                                   |      |                |
| 1536 | To supply and install ceiling diffuser (four way) complete with                                                                | no   | 73.95          |
|      | plenum BOX and volume control damper of size 300mm x 300mm for quantity of up to 60 nos.                                       |      |                |
| 1537 | To supply and install ceiling diffuser (four way) complete with                                                                | no   | 84.15          |
|      | plenum BOX and volume control damper of size 400mm x 400mm for quantity of more than 60 nos.                                   |      |                |
| 1538 | To supply and install ceiling diffuser (four way) complete with                                                                | no   | 104.55         |
| 4520 | plenum BOX and volume control damper of size 500mm x 500mm for quantity of more than 60 nos.                                   |      | 426.22         |
| 1539 | To supply and install ceiling diffuser (four way) complete with                                                                | no   | 126.23         |
|      | plenum BOX and volume control damper of size 600mm x 600mm for quantity of more than 60 nos.                                   |      |                |
| 1540 | To supply and install linear supply air diffuser 1 slot diffuser up to                                                         | no   | 102            |
| 1541 | 1.2m length & 25mm slot for quantity of up to 10 nos.  To supply and install linear supply air diffuser 2 slots diffuser up to | no   | 127.5          |
| 1542 | 1.2m length & 25mm slot for quantity of up to 10 nos. To supply and install linear supply air diffuser 3 slots diffuser up to  | no   | 153            |
| 1543 | 1.2m length & 25mm slot for quantity of up to 10 nos. To supply and install linear supply air diffuser 4 slots diffuser up to  | no   | 178.5          |
| 1544 | 1.2m length & 25mm slot for quantity of up to 10 nos. To supply and install linear supply air diffuser 1 slot diffuser up to   | no   | 91.8           |
| 1545 | 1.2m length & 25mm slot for quantity of up to 30 nos.  To supply and install linear supply air diffuser 2 slots diffuser up to | no   | 114.75         |
| 1546 | 1.2m length & 25mm slot for quantity of up to 30 nos. To supply and install linear supply air diffuser 3 slots diffuser up to  | no   | 137.7          |
| 1547 | 1.2m length & 25mm slot for quantity of up to 30 nos.  To supply and install linear supply air diffuser 4 slots diffuser up to | no   | 160.65         |
| 1548 | 1.2m length & 25mm slot for quantity of up to 30 nos.  To supply and install linear supply air diffuser 1 slot diffuser up to  | no   | 86.7           |
| 1549 | 1.2m length & 25mm slot for quantity of up to 60 nos.  To supply and install linear supply air diffuser 2 slots diffuser up to | no   | 108.38         |
|      | 1.2m length & 25mm slot for quantity of up to 60 nos.                                                                          |      |                |

| S/No | Description                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1550 | To supply and install linear supply air diffuser 3 slots diffuser up to                                                             | no   | 130.05         |
|      | 4.2 m langeth 0.25 may also fan magastitus of make 60 mag                                                                           |      |                |
| 1551 | 1.2m length & 25mm slot for quantity of up to 60 nos.  To supply and install linear supply air diffuser 4 slots diffuser up to      | no   | 151.73         |
| 1331 | To supply and install linear supply all diffuser 4 slots diffuser up to                                                             | no   | 151./5         |
|      | 1.2m length & 25mm slot for quantity of up to 60 nos.                                                                               |      |                |
| 1552 | To supply and install linear supply air diffuser 1 slot diffuser up to                                                              | no   | 76.5           |
|      |                                                                                                                                     |      |                |
| 4550 | 1.2m length & 25mm slot for quantity of more than 60 nos.                                                                           |      | 0.5.60         |
| 1553 | To supply and install linear supply air diffuser 2 slots diffuser up to                                                             | no   | 95.63          |
|      | 1.2m length & 25mm slot for quantity of moe than 60 nos.                                                                            |      |                |
| 1554 | To supply and install linear supply air diffuser 3 slots diffuser up to                                                             | no   | 114.75         |
|      |                                                                                                                                     |      |                |
|      | 1.2m length & 25mm slot for quantity of more than 60 nos.                                                                           |      |                |
| 1555 | To supply and install linear supply air diffuser 4 slots diffuser up to                                                             | no   | 133.88         |
|      | 1.2m length & 25mm slot for quantity of more than 60 nos.                                                                           |      |                |
| 1556 | To supply and install linear type return air diffuser 1 slot diffuser up                                                            | no   | 85             |
|      | 3,400.000.000.000.000.000.000.000.000.000                                                                                           |      |                |
|      | to 1.2m length & 25mm slot for quantity of up to 10 nos.                                                                            |      |                |
| 1557 | To supply and install linear type return air diffuser 2 slots diffuser up                                                           | no   | 110.5          |
|      | to 1.2m longth 9.25mm clat for quantity of unito 10 nos                                                                             |      |                |
| 1558 | to 1.2m length & 25mm slot for quantity of up to 10 nos.  To supply and install linear type return air diffuser s slots diffuser up | no   | 136            |
| 1330 | To supply and instantinear type retain an aniaser's siots aniaser ap                                                                | 110  | 130            |
|      | to 1.2m length & 25mm slot for quantity of up to 10 nos.                                                                            |      |                |
| 1559 | To supply and install linear type return air diffuser 4 slots diffuser up                                                           | no   | 153            |
|      | to 4.2 m long oth 0.25 man alot for available of our to 40 man                                                                      |      |                |
| 1560 | to 1.2m length & 25mm slot for quantity of up to 10 nos.  To supply and install linear type return air diffuser 1 slot diffuser up  | no   | 76.5           |
| 1300 | To supply and install linear type return all unitser 1 slot unitser up                                                              | 110  | 70.5           |
|      | to 1.2m length & 25mm slot for quantity of up to 30 nos.                                                                            |      |                |
| 1561 | To supply and install linear type return air diffuser 2 slots diffuser up                                                           | no   | 99.45          |
|      |                                                                                                                                     |      |                |
| 1562 | to 1.2m length & 25mm slot for quantity of up to 30 nos.  To supply and install linear type return air diffuser 3 slots diffuser up | no   | 122.4          |
| 1362 | To supply and install linear type return all diffuser 3 slots diffuser up                                                           | no   | 122.4          |
|      | to 1.2m length & 25mm slot for quantity of up to 30 nos.                                                                            |      |                |
| 1563 | To supply and install linear type return air diffuser 4 slots diffuser up                                                           | no   | 137.7          |
|      |                                                                                                                                     |      |                |
| 1564 | to 1.2m length & 25mm slot for quantity of up to 30 nos.                                                                            |      | 72.25          |
| 1564 | To supply and install linear type return air diffuser 1 slot diffuser up                                                            | no   | 72.25          |
|      | to 1.2m length & 25mm slot for quantity of up to 60 nos.                                                                            |      |                |
| 1565 | To supply and install linear type return air diffuser 2 slots diffuser up                                                           | no   | 93.93          |
|      |                                                                                                                                     |      |                |
| 4566 | to 1.2m length & 25mm slot for quantity of up to 60 nos.                                                                            |      | 445.5          |
| 1566 | To supply and install linear type return air diffuser 3 slots diffuser up                                                           | no   | 115.6          |
|      | to 1.2m length & 25mm slot for quantity of up to 60 nos.                                                                            |      |                |
| I    | 1 0                                                                                                                                 | I    | ı l            |

| S/No | Description                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1567 | To supply and install linear type return air diffuser 4 slots diffuser up                                                                                      | no   | 130.05         |
| 1568 | to 1.2m length & 25mm slot for quantity of up to 60 nos.  To supply and install linear type return air diffuser 1 slot diffuser up                             | no   | 63.75          |
| 1569 | to 1.2m length & 25mm slot for quantity of more than 60 nos. To supply and install linear type return air diffuser 2 slots diffuser up                         | no   | 82.45          |
| 1570 | to 1.2m length & 25mm slot for quantity of more than 60 nos.  To supply and install linear type return air diffuser 3 slots diffuser up                        | no   | 102            |
| 1571 | to 1.2m length & 25mm slot for quantity of more than 60 nos. To supply and install linear type return air diffuser 4 slots diffuser up                         | no   | 114.75         |
| 1572 | to 1.2m length & 25mm slot for quantity of more than 60 nos. To supply and install anodised aluminium, fixed louvre type return                                | no   | 89.25          |
| 1573 | air grille c/w volume control damper of size 300mm x 300mm for quantity of up to 10 nos.  To supply and install anodised aluminium, fixed louvre type return   | no   | 127.5          |
| 1574 | air grille c/w volume control damper of size 600mm x 300mm for quantity of up to 10 nos.  To supply and install anodised aluminium, fixed louvre type return   | no   | 178.5          |
| 1575 | air grille c/w volume control damper of size 600mm x 600mm for quantity of up to 60 nos.  To supply and install anodised aluminium, fixed louvre type return   | no   | 255            |
| 1576 | air grille c/w volume control damper of size 1200mm x 600mm for quantity of up to 10 nos.  To supply and install anodised aluminium, fixed louvre type return  | no   | 374            |
| 1577 | air grille c/w volume control damper of size 1200mm x 1000mm for quantity of up to 10 nos.  To supply and install anodised aluminium, fixed louvre type return | no   | 79.9           |
|      | air grille c/w volume control damper of size 300mm x 300mm for quantity of up to 30 nos.                                                                       |      |                |
| 1578 | To supply and install anodised aluminium, fixed louvre type return air grille c/w volume control damper of size 600mm x 300mm for                              | no   | 119            |
| 1579 | quantity of up to 30 nos.  To supply and install anodised aluminium, fixed louvre type return                                                                  | no   | 160.65         |
| 1580 | air grille c/w volume control damper of size 600mm x 600mm for quantity of up to 30 nos.  To supply and install anodised aluminium, fixed louvre type return   | no   | 238            |
|      | air grille c/w volume control damper of size 1200mm x 600mm for quantity of up to 30 nos.                                                                      |      |                |

| S/No | Description                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------|------|----------------|
| 1581 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 340            |
|      | air grille c/w volume control damper of size 1200mm x 1000mm for quantity of up to 30 nos.     |      |                |
| 1582 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 75.65          |
|      | air grille c/w volume control damper of size 300mm x 300mm for quantity of up to 60 nos.       |      |                |
| 1583 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 113.9          |
|      | air grille c/w volume control damper of size 600mm x 300mm for quantity of up to 60 nos.       |      |                |
| 1584 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 151.3          |
|      | air grille c/w volume control damper of size 600mm x 600mm for quantity of up to 60 nos.       |      |                |
| 1585 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 226.95         |
|      | air grille c/w volume control damper of size 1200mm x 600mm for quantity of up to 60 nos.      |      |                |
| 1586 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 322.15         |
|      | air grille c/w volume control damper of size 1200mm x 1000mm for quantity of up to 60 nos.     |      |                |
| 1587 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 66.3           |
|      | air grille c/w volume control damper of size 300mm x 300mm for quantity of more than 60 nos.   |      |                |
| 1588 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 100.3          |
|      | air grille c/w volume control damper of size 600mm x 300mm for quantity of more than 60 nos.   |      |                |
| 1589 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 133.45         |
|      | air grille c/w volume control damper of size 600mm x 600mm for quantity of more than 60 nos.   |      |                |
| 1590 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 200.6          |
|      | air grille c/w volume control damper of size 1200mm x 600mm for quantity of more than 60 nos.  |      |                |
| 1591 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 283.9          |
|      | air grille c/w volume control damper of size 1200mm x 1000mm for quantity of more than 60 nos. |      |                |
| 1592 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 74.8           |
| 4500 | air grille without volume control damper of size 300mm x 300mm for quantity of up to 10 nos.   |      | 407.5          |
| 1593 | To supply and install anodised aluminium, fixed louvre type return                             | no   | 107.1          |
|      | air grille without volume control damper of size 600mm x 300mm for                             |      |                |

| S/No | Description                                                                                       | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------|------|----------------|
| _    | quantity of more than 60 nos.                                                                     |      |                |
| 1594 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 132.6          |
|      | air grille without volume control damper of size 600mm x 600mm for                                |      |                |
|      | quantity of up to 10 nos.                                                                         |      |                |
| 1595 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 185.3          |
|      | air grille without volume control damper of size 1200mm x 600mm                                   |      |                |
|      | for quantity of up to 10 nos.                                                                     |      |                |
| 1596 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 236.3          |
|      | air grille without volume control damper of size 1200mm x 1000mm                                  |      |                |
|      | for quantity of up to 10 nos.                                                                     |      |                |
| 1597 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 67.15          |
|      | air grille without volume control damper of size 300mm x 300mm for                                |      |                |
|      | quantity of up to 30 nos.                                                                         |      |                |
| 1598 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 96.05          |
|      | air arilla with aut values a santral dense au of sine COOmer v 200mm fan                          |      |                |
|      | air grille without volume control damper of size 600mm x 300mm for quantity of up to 30 nos.      |      |                |
| 1599 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 119            |
|      |                                                                                                   |      |                |
|      | air grille without volume control damper of size 600mm x 600mm for quantity of up to 30 nos.      |      |                |
| 1600 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 165.75         |
|      |                                                                                                   |      |                |
|      | air grille without volume control damper of size 1200mm x 600mm for quantity of up to 30 nos.     |      |                |
| 1601 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 212.5          |
|      |                                                                                                   |      |                |
|      | air grille without volume control damper of size 1200mm x 1000mm                                  |      |                |
| 1602 | for quantity of up to 30 nos.  To supply and install anodised aluminium, fixed louvre type return | no   | 62.9           |
|      | ,,                                                                                                |      | 02.3           |
|      | air grille without volume control damper of size 300mm x 300mm for                                |      |                |
| 1603 | quantity of up to 60 nos.  To supply and install anodised aluminium, fixed louvre type return     | no   | 90.1           |
| 1003 | To supply and install alloaded dialillially, fixed loavie type recall                             | 110  | 30.1           |
|      | air grille without volume control damper of size 600mm x 300mm for                                |      |                |
| 1604 | quantity of up to 60 nos.  To supply and install anodised aluminium, fixed louvre type return     | no   | 112.2          |
| 1004 | To supply and instan anouised adminidin, fixed louvie type return                                 | 110  | 112.2          |
|      | air grille without volume control damper of size 600mm x 600mm for                                |      |                |
| 1605 | quantity of up to 60 nos.  To supply and install anodised aluminium, fixed louvre type return     | no   | 157.25         |
| 1002 | To supply and install allouised aldifillialli, fixed louvre type return                           | no   | 157.25         |
|      | air grille without volume control damper of size 1200mm x 600mm                                   |      |                |
| 1606 | for quantity of up to 60 nos.                                                                     |      | 100.75         |
| 1606 | To supply and install anodised aluminium, fixed louvre type return                                | no   | 199.75         |
| I    |                                                                                                   | I    | ı .            |

| air grille without volume control damper of size 1200mm x 1000mm           |        |
|----------------------------------------------------------------------------|--------|
|                                                                            |        |
| for quantity of up to 60 nos.                                              |        |
| 1607 To supply and install anodised aluminium, fixed louvre type return no | 56.1   |
| air grille without volume control damper of size 300mm x 300mm for         |        |
| quantity of more than 60 nos.                                              |        |
| 1608 To supply and install anodised aluminium, fixed louvre type return no | 79.9   |
| air grille without volume control damper of size 600mm x 300mm for         |        |
| quantity of more than 60 nos.                                              |        |
| 1609 To supply and install anodised aluminium, fixed louvre type return no | 99.45  |
| air grille without volume control damper of size 600mm x 600mm for         |        |
| quantity of more than 60 nos.                                              |        |
| 1610 To supply and install anodised aluminium, fixed louvre type return no | 138.55 |
| air grille without volume control damper of size 1200mm x 600mm            |        |
| for quantity of more than 60 nos.                                          |        |
| 1611 To supply and install anodised aluminium, fixed louvre type return no | 176.8  |
| air grille without volume control damper of size 1200mm x 1000mm           |        |
| for quantity of more than 60 nos.                                          |        |
| 1612 To supply and install aluminium egg crate return grille c/w           | 110.5  |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 300mm x 300mm for quantity of up to 10 nos.                           |        |
| 1613 To supply and install aluminium egg crate return grille c/w           | 136    |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 600mm x 300mm for quantity of up to 10 nos.                           |        |
| 1614 To supply and install aluminium egg crate return grille c/w           | 161.5  |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 600mm x 600mm for quantity of up to 10 nos.                           |        |
| 1615 To supply and install aluminium egg crate return grille c/w           | 204    |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 1200mm x 600mm for quantity of up to 10 nos.                          |        |
| 1616 To supply and install aluminium egg crate return grille c/w           | 99.45  |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 300mm x 300mm for quantity of up to 30 nos.                           |        |
| 1617 To supply and install aluminium egg crate return grille c/w           | 122.4  |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 600mm x 600mm for quantity of up to 30 nos.                           |        |
| 1618 To supply and install aluminium egg crate return grille c/w           | 145.35 |
| galvanised steel plenum BOX and detachable aluminim frame of               |        |
| size 600mm x 600mm for quantity of up to 30 nos.                           |        |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1619 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 183.6          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1620 | size 1200mm x 600mm for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | 02.5           |
| 1620 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 93.5           |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | size 300mm x 300mm for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
| 1621 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 115.6          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | size 600mm x 300mm for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                |
| 1622 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 136.85         |
|      | and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and the standard and th |      |                |
|      | galvanised steel plenum BOX and detachable aluminim frame of size 600mm x 600mm for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
| 1623 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 173.4          |
| 1023 | To supply and install aluminum egg crate return gime c/ w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110  | 1/3.4          |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | size 1200mm x 600mm for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1624 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 82.45          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1625 | size 300mm x 300mm for quantity of more than 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | 102            |
| 1625 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 102            |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | size 600mm x 300mm for quantity of more than 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
| 1626 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 119            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1627 | size 600mm x 600mm for quantity of more than 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | 452            |
| 1627 | To supply and install aluminium egg crate return grille c/w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 153            |
|      | galvanised steel plenum BOX and detachable aluminim frame of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      | size 1200mm x 600mm for quantity of more than 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
| 1628 | To supply and install aluminium egg crate type return air grille with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 97.75          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | detachable frame or fixed frame of size 300mm x 300mm for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1620 | quantity of up to 10 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | 422.25         |
| 1629 | To supply and install aluminium egg crate type return air grille with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 123.25         |
|      | detachable frame or fixed frame of size 600mm x 300mm for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
|      | quantity of up to 10 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1630 | To supply and install aluminium egg crate type return air grille with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 144.5          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | detachable frame or fixed frame of size 600mm x 600mm for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                |
| 1634 | quantity of up to 10 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | 170 5          |
| 1631 | To supply and install aluminium egg crate type return air grille with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 178.5          |
|      | detachable frame or fixed frame of size 1200mm x 600mm for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| İ    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i    | ı              |

| S/No | Description                                                                          | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------|------|----------------|
|      | quantity of up to 10 nos.                                                            |      |                |
| 1632 | To supply and install aluminium egg crate type return air grille with                | no   | 87.55          |
|      | detachable frame or fixed frame of size 300mm x 300mm for                            |      |                |
|      | quantity of up to 30 nos.                                                            |      |                |
| 1633 | To supply and install aluminium egg crate type return air grille with                | no   | 110.5          |
|      |                                                                                      |      |                |
|      | detachable frame or fixed frame of size 600mm x 300mm for                            |      |                |
| 1624 | quantity of up to 30 nos.                                                            | 20   | 120.05         |
| 1634 | To supply and install aluminium egg crate type return air grille with                | no   | 130.05         |
|      | detachable frame or fixed frame of size 600mm x 600mm for                            |      |                |
|      | quantity of up to 30 nos.                                                            |      |                |
| 1635 | To supply and install aluminium egg crate type return air grille with                | no   | 160.65         |
|      |                                                                                      |      |                |
|      | detachable frame or fixed frame of size 1200mm x 600mm for quantity of up to 30 nos. |      |                |
| 1636 | To supply and install aluminium egg crate type return air grille with                | no   | 82.45          |
|      |                                                                                      |      | 021.10         |
|      | detachable frame or fixed frame of size 300mm x 300mm for                            |      |                |
|      | quantity of up to 60 nos.                                                            |      |                |
| 1637 | To supply and install aluminium egg crate type return air grille with                | no   | 104.55         |
|      | detachable frame or fixed frame of size 600mm x 300mm for                            |      |                |
|      | quantity of up to 60 nos.                                                            |      |                |
| 1638 | To supply and install aluminium egg crate type return air grille with                | no   | 122.4          |
|      | detected from a sufficient from a string COO construction                            |      |                |
|      | detachable frame or fixed frame of size 600mm x 600mm for quantity of up to 60 nos.  |      |                |
| 1639 | To supply and install aluminium egg crate type return air grille with                | no   | 151.3          |
|      |                                                                                      |      |                |
|      | detachable frame or fixed frame of size 1200mm x 600mm for                           |      |                |
| 1640 | quantity of up to 60 nos.                                                            |      | 72.4           |
| 1640 | To supply and install aluminium egg crate type return air grille with                | no   | 73.1           |
|      | detachable frame or fixed frame of size 300mm x 300mm for                            |      |                |
|      | quantity of more than 60 nos.                                                        |      |                |
| 1641 | To supply and install aluminium egg crate type return air grille with                | no   | 91.8           |
|      | detachable frame or fixed frame of size 600mm x 300mm for                            |      |                |
|      | quantity of more than 60 nos.                                                        |      |                |
| 1642 | To supply and install aluminium egg crate type return air grille with                | no   | 107.95         |
|      |                                                                                      |      |                |
|      | detachable frame or fixed frame of size 600mm x 600mm for                            |      |                |
| 1642 | quantity of more than 60 nos.                                                        | 20   | 122.45         |
| 1643 | To supply and install aluminium egg crate type return air grille with                | no   | 133.45         |
|      | detachable frame or fixed frame of size 1200mm x 600mm for                           |      |                |
|      | quantity of more than 60 nos.                                                        |      |                |
| 1644 | To supply and install PVC egg crate type return air grille c/w                       | no   | 35.7           |
|      |                                                                                      |      | ]              |

| S/No | Description                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------|------|----------------|
|      | aluminium frame of size 300mm x 300mm for quantity of up to 10       |      |                |
| 1645 | nos.  To supply and install PVC egg crate type return air grille c/w | no   | 42.5           |
| 1043 | To supply and install FVC egg crate type return all grille t/ w      | no   | 42.5           |
|      | aluminium frame of size 600mm x 300mm for quantity of up to 10       |      |                |
|      | nos.                                                                 |      |                |
| 1646 | To supply and install PVC egg crate type return air grille c/w       | no   | 51             |
|      | aluminium frame of size 600mm x 600mm for quantity of up to 10       |      |                |
|      | nos.                                                                 |      |                |
| 1647 | To supply and install PVC egg crate type return air grille c/w       | no   | 76.5           |
|      | aluminium frame of size 1200mm x 600mm for quantity of up to 10      |      |                |
|      | nos.                                                                 |      |                |
| 1648 | To supply and install PVC egg crate type return air grille c/w       | no   | 31.45          |
|      | aluminium frame of size 300mm x 300mm for quantity of up to 30       |      |                |
|      | nos.                                                                 |      |                |
| 1649 | To supply and install PVC egg crate type return air grille c/w       | no   | 38.25          |
|      | aluminium frame of size 600mm x 600mm for quantity of up to 30       |      |                |
|      | nos.                                                                 |      |                |
| 1650 | To supply and install PVC egg crate type return air grille c/w       | no   | 45.9           |
|      | aluminium forms of size COOmer COOmer forms wently of up to 20       |      |                |
|      | aluminium frame of size 600mm x 600mm for quantity of up to 30 nos.  |      |                |
| 1651 | To supply and install PVC egg crate type return air grille c/w       | no   | 68.85          |
|      |                                                                      |      |                |
|      | aluminium frame of size 1200mm x 600mm for quantity of up to 30 nos. |      |                |
| 1652 | To supply and install PVC egg crate type return air grille c/w       | no   | 29.75          |
|      |                                                                      |      |                |
|      | aluminium frame of size 300mm x 300mm for quantity of up to 60 nos.  |      |                |
| 1653 | To supply and install PVC egg crate type return air grille c/w       | no   | 35.7           |
|      |                                                                      |      |                |
|      | aluminium frame of size 600mm x 300mm for quantity of up to 60       |      |                |
| 1654 | nos.  To supply and install PVC egg crate type return air grille c/w | no   | 43.35          |
|      |                                                                      |      |                |
|      | aluminium frame of size 600mm x 600mm for quantity of up to 60       |      |                |
| 1655 | nos.  To supply and install PVC egg crate type return air grille c/w | no   | 64.6           |
|      |                                                                      |      |                |
|      | aluminium frame of size 1200mm x 600mm for quantity of up to 60      |      |                |
| 1656 | nos.  To supply and install PVC egg crate type return air grille c/w | no   | 26.35          |
|      | 2                                                                    |      | 20.55          |
|      | aluminium frame of size 300mm x 300mm for quantity of more than      |      |                |
| 1    | 60 nos.                                                              |      |                |

| S/No | Description                                                                           | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------|------|----------------|
| 1657 | To supply and install PVC egg crate type return air grille c/w                        | no   | 31.45          |
|      | aluminium frame of size 600mm x 300mm for quantity of more than 60 nos.               |      |                |
| 1658 | To supply and install PVC egg crate type return air grille c/w                        | no   | 38.25          |
|      | aluminium frame of size 600mm x 600mm for quantity of more than 60 nos.               |      |                |
| 1659 | To supply and install PVC egg crate type return air grille c/w                        | no   | 57.38          |
|      | aluminium frame of size 1200mm x 600mm for quantity of more than 60 nos.              |      |                |
| 1660 | To supply and install aluminium opposed blade ducted volume                           | no   | 74.8           |
|      | control damper of size 150mm x 150mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1661 | To supply and install aluminium opposed blade ducted volume                           | no   | 76.5           |
|      | control damper of size 200mm x 250mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1662 | To supply and install aluminium opposed blade ducted volume                           | no   | 78.2           |
|      | control damper of size 250mm x 250mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1663 | To supply and install aluminium opposed blade ducted volume                           | no   | 80.75          |
|      | control damper of size 300mm x 300mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1664 | To supply and install aluminium opposed blade ducted volume                           | no   | 119            |
|      | control damper of size 350mm x 350mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1665 | To supply and install aluminium opposed blade ducted volume                           | no   | 123.25         |
|      | control damper of size 400mm x 400mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1666 | To supply and install aluminium opposed blade ducted volume                           | no   | 148.75         |
|      | control damper of size 450mm x 450mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1667 | To supply and install aluminium opposed blade ducted volume                           | no   | 153            |
|      | control damper of size 500mm x 500mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1668 | To supply and install aluminium opposed blade ducted volume                           | no   | 157.25         |
|      | control damper of size 550mm x 550mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1669 | To supply and install aluminium opposed blade ducted volume                           | no   | 161.5          |
|      | control damper of size 600mm x 600mm or equivalent area for                           |      |                |

| S/No | Description                                                                                                                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1670 | quantity of up to 10 nos.  To supply and install aluminium opposed blade ducted volume                                                             | no   | 67.15          |
| 1671 | control damper of size 150mm x 150mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 68.85          |
| 1672 | control damper of size 200mm x 250mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 69.7           |
| 1673 | control damper of size 200mm x 250mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 72.25          |
| 1674 | control damper of size 300mm x 300mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 107.1          |
|      | control damper of size 350mm x 350mm or equivalent area for quantity of up to 30 nos.                                                              |      |                |
| 1675 | To supply and install aluminium opposed blade ducted volume                                                                                        | no   | 110.5          |
| 1676 | control damper of size 400mm x 400mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 133.45         |
| 1677 | control damper of size 450mm x 450mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 137.7          |
| 1678 | control damper of size 500mm x 500mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 141.1          |
| 1679 | control damper of size 550mm x 550mm or equivalent area for quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume | no   | 145.35         |
|      | control damper of size 600mm x 600mm or equivalent area for                                                                                        | 5    | 113.33         |
| 1680 | quantity of up to 30 nos.  To supply and install aluminium opposed blade ducted volume                                                             | no   | 62.9           |
| 1681 | control damper of size 150mm x 150mm or equivalent area for quantity of up to 60 nos.  To supply and install aluminium opposed blade ducted volume | no   | 64.6           |
| 1682 | control damper of size 200mm x 250mm or equivalent area for quantity of up to 60 nos.  To supply and install aluminium opposed blade ducted volume | no   | 66.3           |

| S/No  | Description                                                                               | Unit | Unit Cost (\$) |
|-------|-------------------------------------------------------------------------------------------|------|----------------|
|       | control damper of size 250mm x 250mm or equivalent area for                               |      |                |
| 4.600 | quantity of up to 60 nos.                                                                 |      |                |
| 1683  | To supply and install aluminium opposed blade ducted volume                               | no   | 68             |
|       | control damper of size 300mm x 300mm or equivalent area for                               |      |                |
|       | quantity of up to 60 nos.                                                                 |      |                |
| 1684  | To supply and install aluminium opposed blade ducted volume                               | no   | 101.15         |
|       |                                                                                           |      |                |
|       | control damper of size 350mm x 350mm or equivalent area for quantity of up to 60 nos.     |      |                |
| 1685  | To supply and install aluminium opposed blade ducted volume                               | no   | 104.55         |
| 1005  | To supply and install diaminant opposed stade ducted votaline                             | 110  | 104.55         |
|       | control damper of size 400mm x 400mm or equivalent area for                               |      |                |
|       | quantity of up to 60 nos.                                                                 |      |                |
| 1686  | To supply and install aluminium opposed blade ducted volume                               | no   | 125.8          |
|       | control damper of size 450mm x 450mm or equivalent area for                               |      |                |
|       | quantity of up to 60 nos.                                                                 |      |                |
| 1687  | To supply and install aluminium opposed blade ducted volume                               | no   | 130.05         |
|       |                                                                                           |      |                |
|       | control damper of size 500mm x 500mm or equivalent area for                               |      |                |
| 1688  | quantity of up to 60 nos.  To supply and install aluminium opposed blade ducted volume    | no   | 133.45         |
| 1000  | To supply and install didifficulty opposed blade ducted volume                            | 110  | 133.43         |
|       | control damper of size 550mm x 550mm or equivalent area for                               |      |                |
|       | quantity of up to 60 nos.                                                                 |      |                |
| 1689  | To supply and install aluminium opposed blade ducted volume                               | no   | 136.85         |
|       | control damper of size 600mm x 600mm or equivalent area for                               |      |                |
|       | quantity of up to 60 nos.                                                                 |      |                |
| 1690  | To supply and install aluminium opposed blade ducted volume                               | no   | 56.1           |
|       |                                                                                           |      |                |
|       | control damper of size 150mm x 150mm or equivalent area for quantity of more than 60 nos. |      |                |
| 1691  | To supply and install aluminium opposed blade ducted volume                               | no   | 56.95          |
|       | 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                   |      | 30.33          |
|       | control damper of size 200mm x 250mm or equivalent area for                               |      |                |
| 4600  | quantity of more than 60 nos.                                                             |      | 50.65          |
| 1692  | To supply and install aluminium opposed blade ducted volume                               | no   | 58.65          |
|       | control damper of size 250mm x 250mm or equivalent area for                               |      |                |
|       | quantity of more than 60 nos.                                                             |      |                |
| 1693  | To supply and install aluminium opposed blade ducted volume                               | no   | 60.35          |
|       | control damper of cize 200mm v 200mm or equivalent area for                               |      |                |
|       | control damper of size 300mm x 300mm or equivalent area for quantity of more than 60 nos. |      |                |
| 1694  | To supply and install aluminium opposed blade ducted volume                               | no   | 89.25          |
|       |                                                                                           |      |                |
|       | control damper of size 350mm x 350mm or equivalent area for                               |      |                |
|       | quantity of more than 60 nos.                                                             |      |                |

| S/No | Description                                                                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------|------|----------------|
| 1695 | To supply and install aluminium opposed blade ducted volume                                         | no   | 91.8           |
|      | control damper of size 400mm x 400mm or equivalent area for                                         |      |                |
|      | quantity of more than 60 nos.                                                                       |      |                |
| 1696 | To supply and install aluminium opposed blade ducted volume                                         | no   | 111.35         |
|      | control damper of size 450mm x 450mm or equivalent area for quantity of more than 60 nos.           |      |                |
| 1697 | To supply and install aluminium opposed blade ducted volume                                         | no   | 114.75         |
|      | control damper of size 500mm x 500mm or equivalent area for quantity of more than 60 nos.           |      |                |
| 1698 | To supply and install aluminium opposed blade ducted volume                                         | no   | 117.3          |
|      | control damper of size 550mm x 550mm or equivalent area for quantity of more than 60 nos.           |      |                |
| 1699 | To supply and install aluminium opposed blade ducted volume                                         | no   | 120.7          |
|      | control damper of size 600mm x 600mm or equivalent area for                                         |      |                |
| 1700 | quantity of more than 60 nos.  To supply and install weatherproof fresh air grilles of size 150mm x | no   | 67.15          |
| 1700 | To supply and install weather proof fresh all grines of size 150mm x                                | 110  | 07.13          |
|      | 150mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1701 | To supply and install weatherproof fresh air grilles of size 200mm x                                | no   | 68             |
|      | 200mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1702 | To supply and install weatherproof fresh air grilles of size 250mm x                                | no   | 76.5           |
|      | 250mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1703 | To supply and install weatherproof fresh air grilles of size 300mm x                                | no   | 85             |
|      | 300mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1704 | To supply and install weatherproof fresh air grilles of size 350mm x                                | no   | 97.75          |
|      | 350mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1705 | To supply and install weatherproof fresh air grilles of size 400mm x                                | no   | 110.5          |
|      | 400mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1706 | To supply and install weatherproof fresh air grilles of size 450mm x                                | no   | 123.25         |
|      | 450mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1707 | To supply and install weatherproof fresh air grilles of size 500mm x                                | no   | 136            |
|      | 500mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1708 | To supply and install weatherproof fresh air grilles of size 550mm x                                | no   | 153            |
|      | 550mm or equivalent area for quantity of up to 10 nos.                                              |      |                |
| 1709 | To supply and install weatherproof fresh air grilles of size 600mm x                                | no   | 170            |
|      | 600mm or equivalent area for quantity of up to 10 nos.                                              |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1710 | To supply and install weatherproof fresh air grilles of size 150mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 53.55          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1711 | 150mm or equivalent area for quantity of up to 30 nos.  To supply and install weatherproof fresh air grilles of size 200mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20   | 61.2           |
| 1711 | To supply and install weatherproof fresh all grilles of size 200mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 61.2           |
|      | 200mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1712 | To supply and install weatherproof fresh air grilles of size 250mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 68.85          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | 250mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1713 | To supply and install weatherproof fresh air grilles of size 300mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 76.5           |
|      | 300mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1714 | To supply and install weatherproof fresh air grilles of size 350mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 87.55          |
|      | 8. mas at all 2 and master in the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t |      | 07.33          |
|      | 350mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1715 | To supply and install weatherproof fresh air grilles of size 400mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 99.45          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1716 | 400mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20   | 110 5          |
| 1/16 | To supply and install weatherproof fresh air grilles of size 450mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 110.5          |
|      | 450mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1717 | To supply and install weatherproof fresh air grilles of size 500mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 122.4          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | 500mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1718 | To supply and install weatherproof fresh air grilles of size 550mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 137.7          |
|      | 550mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1719 | To supply and install weatherproof fresh air grilles of size 600mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 153            |
|      | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | 133            |
|      | 600mm or equivalent area for quantity of up to 30 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1720 | To supply and install weatherproof fresh air grilles of size 150mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 50.58          |
|      | 150 mans on a suit releast once for a supertitue of the to 50 mass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1721 | 150mm or equivalent area for quantity of up to 60 nos.  To supply and install weatherproof fresh air grilles of size 200mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | no   | 57.8           |
| 1/21 | To supply and install weather proof fresh all grilles of size 20011111 X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 110  | 37.8           |
|      | 200mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1722 | To supply and install weatherproof fresh air grilles of size 250mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 65.03          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 4700 | 250mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1723 | To supply and install weatherproof fresh air grilles of size 300mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 72.25          |
|      | 300mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1724 | To supply and install weatherproof fresh air grilles of size 350mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 82.45          |
|      | , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | 350mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 1725 | To supply and install weatherproof fresh air grilles of size 400mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no   | 93.93          |
|      | 400mm or equivalent area for quantity of up to 50 mas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
| 1726 | 400mm or equivalent area for quantity of up to 60 nos.  To supply and install weatherproof fresh air grilles of size 450mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | no   | 104.55         |
| 1,20 | 10 Supply and install weatherproof fresh all gillies of Size 450mill x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 110  | 104.55         |
|      | 450mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| -    | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | •    |                |

| S/No | Description                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1727 | To supply and install weatherproof fresh air grilles of size 500mm x                                                             | no   | 115.6          |
|      |                                                                                                                                  |      |                |
| 1728 | 500mm or equivalent area for quantity of up to 60 nos.  To supply and install weatherproof fresh air grilles of size 550mm x     | no   | 130.05         |
| 1728 | To supply and install weather proof fresh all grilles of size 330mm x                                                            | 110  | 130.03         |
|      | 550mm or equivalent area for quantity of up to 60 nos.                                                                           |      |                |
| 1729 | To supply and install weatherproof fresh air grilles of size 600mm x                                                             | no   | 144.5          |
|      |                                                                                                                                  |      |                |
| 1730 | 600mm or equivalent area for quantity of up to 60 nos.  To supply and install weatherproof fresh air grilles of size 150mm x     | no   | 44.63          |
| 1730 | To supply and install weather proof fresh all gilles of size 150mm x                                                             | 110  | 44.03          |
|      | 150mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1731 | To supply and install weatherproof fresh air grilles of size 200mm x                                                             | no   | 51             |
|      | 200 man or a suivalent area for supprish of many than 60 man                                                                     |      |                |
| 1732 | 200mm or equivalent area for quantity of more than 60 nos.  To supply and install weatherproof fresh air grilles of size 250mm x | no   | 57.38          |
| 1,32 | To supply and instant weather proof fresh an gimes of size 250mm x                                                               | 110  | 37.30          |
|      | 250mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1733 | To supply and install weatherproof fresh air grilles of size 300mm x                                                             | no   | 63.75          |
|      | 300mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1734 | To supply and install weatherproof fresh air grilles of size 350mm x                                                             | no   | 73.1           |
|      | g. mee en enze en en en en en en en en en en en en en                                                                            |      | 75.1           |
|      | 350mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1735 | To supply and install weatherproof fresh air grilles of size 400mm x                                                             | no   | 82.88          |
|      | 400mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1736 | To supply and install weatherproof fresh air grilles of size 450mm x                                                             | no   | 91.8           |
|      |                                                                                                                                  |      |                |
|      | 450mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1737 | To supply and install weatherproof fresh air grilles of size 500mm x                                                             | no   | 102            |
|      | 500mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1738 | To supply and install weatherproof fresh air grilles of size 550mm x                                                             | no   | 114.75         |
|      |                                                                                                                                  |      |                |
| 1720 | 550mm or equivalent area for quantity of more than 60 nos.                                                                       |      | 427.5          |
| 1739 | To supply and install weatherproof fresh air grilles of size 600mm x                                                             | no   | 127.5          |
|      | 600mm or equivalent area for quantity of more than 60 nos.                                                                       |      |                |
| 1740 | To supply and install SISIRof approved fire damper without                                                                       | no   | 255            |
|      |                                                                                                                                  |      |                |
|      | modification of existing hole of size 600mm x 300mm or equivalent area for quantity of up to 10 nos.                             |      |                |
| 1741 | To supply and install SISIRof approved fire damper without                                                                       | no   | 382.5          |
|      |                                                                                                                                  |      |                |
|      | modification of existing hole of size 1200mm x 300mm or equivalent                                                               |      |                |
| 1742 | area for quantity of up to 10 nos.  To supply and install SISIRof approved fire damper without                                   | no   | 510            |
| 1/42 | To supply and install sistion approved the damper without                                                                        | 110  | 310            |
|      | modification of existing hole of size 1500mm x 300mm or equivalent                                                               |      |                |
|      | area for quantity of up to 10 nos.                                                                                               |      |                |

| S/No | Description                                                                                           | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------|------|----------------|
| 1743 | To supply and install SISIRof approved fire damper without                                            | no   | 680            |
|      | modification of existing hole of size 2000mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1744 | To supply and install SISIRof approved fire damper without                                            | no   | 705.5          |
|      |                                                                                                       |      | 7 55.5         |
|      | modification of existing hole of size 1800mm x 400mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1745 | To supply and install SISIRof approved fire damper without                                            | no   | 739.5          |
|      | modification of existing hole of size 1900mm x 500mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1746 | To supply and install SISIR approved fire damper without                                              | no   | 977.5          |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 2000mm x 600mm or equivalent                                    |      |                |
| 1747 | area for quantity of up to 10 nos.  To supply and install SISIR approved fire damper without          | no   | 220 5          |
| 1/4/ | To supply and install sistic approved the damper without                                              | no   | 229.5          |
|      | modification of existing hle of size 600mm x 300mm or equivalent                                      |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1748 | To supply and install SISIR approved fire damper without                                              | no   | 344.25         |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1200mm x 300mm or equivalent area for quantity of up to 30 nos. |      |                |
| 1749 | To supply and install SISIR approved fire damper without                                              | no   | 459            |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1500mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1750 | To supply and install SISIR approved fire damper without                                              | no   | 612            |
|      | modification of existing hole of size 2000mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1751 | To supply and install SISIR approved fire damper without                                              | no   | 634.95         |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1800mm x 400mm or equivalent                                    |      |                |
| 1752 | area for quantity of up to 30 nos.  To supply and install SISIR approved fire damper without          | no   | 665.55         |
| 1,32 | To supply and install sist approved the damper without                                                | 110  | 003.33         |
|      | modification of existing hole of size 1900mm x 500mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1753 | To supply and install SISIR approved fire damper without                                              | no   | 879.75         |
|      | modification of existing hole of size 2000mm x 600mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1754 | To supply and install SISIR approved fire damper without                                              | no   | 216.75         |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 600mm x 300mm or equivalent                                     |      |                |
| 1755 | area for quantity of up to 60 nos.  To supply and install SISIR approved fire damper without          | no   | 324.7          |
| 1/33 | To supply and install sisht approved the damper without                                               | 110  | 324./          |
|      | modification of existing hle of size 1200mm x 300mm or equivalent                                     |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1756 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 433.5          |
|      | modification of existing blo of cize 1500mm v 200mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | modification of existing hle of size 1500mm x 300mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
| 1757 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 578            |
|      | trippy of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat |      | 370            |
|      | modification of existing hle of size 2000mm x 300mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1758 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 599.25         |
|      | modification of existing blo of size 1900mm v 400mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | modification of existing hle of size 1800mm x 400mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
| 1759 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 628.15         |
| 1,33 | To supply and motal district approved the damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | 020.13         |
|      | modification of existing hole of size 1900mm x 500mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1760 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 830.88         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | modification of existing hole of size 2000mm x 600mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
| 1761 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 191.25         |
| 1701 | To supply and instant sisting approved the damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110  | 131.23         |
|      | modification of existing hole of size 600mm x 300mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1762 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 286.88         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | modification of existing hole of size 1200mm x 300mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1763 | area for quantity of up to 60 nos. To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 382.5          |
| 1703 | To supply and instant sisting approved the damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110  | 362.3          |
|      | modification of existing hole of size 1500mm x 300mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1764 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 510            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | modification of existing hole of size 2000mm x 300mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
| 1765 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 529.13         |
| 1703 | To supply and instant sisting approved the damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110  | 323.13         |
|      | modification of existing hole of size 1800mm x 400mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1766 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 554.63         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | modification of existing hole of size 1900mm x 500mm or equivalent area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
| 1767 | To supply and install SISIR approved fire damper without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 733.13         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | , 55.15        |
|      | modification of existing hole of size 2000mm x 600mm or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | area for quantity of up to 60 nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1768 | To supply and install SISIR approved fire damper through                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 297.5          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |

| S/No | Description                                                                                           | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------|------|----------------|
|      | modification of existing hole of size 600mm x 300mm or equivalent                                     |      |                |
| 4760 | area for quantity of up to 10 nos.                                                                    |      | 255            |
| 1769 | To supply and install SISIR approved fire damper through                                              | no   | 255            |
|      | modification of existing hole of size 1200mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1770 | To supply and install SISIR approved fire damper through                                              | no   | 552.5          |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1500mm x 300mm or equivalent area for quantity of up to 10 nos. |      |                |
| 1771 | To supply and install SISIR approved fire damper through                                              | no   | 722.5          |
| 1,,1 | To supply and mistan sisting approved the damper amough                                               | 110  | 722.5          |
|      | modification of existing hole of size 2000mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1772 | To supply and install SISIR approved fire damper through                                              | no   | 739.5          |
|      | modification of existing hole of size 1800mm x 400mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1773 | To supply and install SISIR approved fire damper through                                              | no   | 782            |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1900mm x 500mm or equivalent                                    |      |                |
| 1774 | area for quantity of up to 10 nos. To supply and install SISIR approved fire damper through           | 20   | 1020           |
| 1//4 | To supply and install Sisik approved life damper through                                              | no   | 1020           |
|      | modification of existing hole of size 2000mm x 600mm or equivalent                                    |      |                |
|      | area for quantity of up to 10 nos.                                                                    |      |                |
| 1775 | To supply and install SISIR approved fire damper through                                              | no   | 267.75         |
|      | modification of existing hole of size 600mm x 300mm or equivalent                                     |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1776 | To supply and install SISIR approved fire damper through                                              | no   | 382.5          |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1200mm x 300mm or equivalent                                    |      |                |
| 1777 | area for quantity of up to 30 nos.  To supply and install SISIR approved fire damper without          | no   | 497.25         |
| 1/// | To supply and install sish approved the damper without                                                | 110  | 497.25         |
|      | modification of existing hole of size 1500mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1778 | To supply and install SISIR approved fire damper without                                              | no   | 650.25         |
|      | modification of existing hole of size 2000mm x 300mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |
| 1779 | To supply and install SISIR approved fire damper through                                              | no   | 665.55         |
|      |                                                                                                       |      |                |
|      | modification of existing hole of size 1800mm x 400mm or equivalent                                    |      |                |
| 1780 | area for quantity of up to 30 nos. To supply and install SISIR approved fire damper through           | no   | 703.8          |
| 1,00 | 10 Supply and instant Sister approved the damper through                                              | 110  | 703.0          |
|      | modification of existing hole of size 1900mm x 500mm or equivalent                                    |      |                |
|      | area for quantity of up to 30 nos.                                                                    |      |                |

| S/No | Description                                                                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------|------|----------------|
| 1781 | To supply and install SISIR approved fire damper through                                                | no   | 918            |
|      | modification of existing hole of size 2000mm x 600mm or equivalent                                      |      |                |
| 4700 | area for quantity of up to 30 nos.                                                                      |      |                |
| 1782 | To supply and install SISIR approved fire damper through                                                | no   | 252.88         |
|      | modification of existing hole of size 600mm x 300mm or equivalent area for quantity of up to 60 nos.    |      |                |
| 1783 | To supply and install SISIR approved fire damper through                                                | no   | 361.25         |
|      | modification of existing hole of size 1200mm x 300mm or equivalent                                      |      |                |
| 4704 | area for quantity of up to 60 nos.                                                                      |      | 460.60         |
| 1784 | To supply and install SISIR approved fire damper through                                                | no   | 469.63         |
|      | modification of existing hole of size 1500mm x 300mm or equivalent area for quantity of up to 60 nos.   |      |                |
| 1785 | To supply and install SISIR approved fire damper through                                                | no   | 614.13         |
|      | modification of existing hole of size 2000mm x 300mm or equivalent area for quantity of up to 60 nos.   |      |                |
| 1786 | To supply and install SISIR approved fire damper through                                                | no   | 628.58         |
|      | modification of existing hole of size 1800mm x 400mm or equivalent area for quantity of up to 60 nos.   |      |                |
| 1787 | To supply and install SISIR approved fire damper through                                                | no   | 664.7          |
|      |                                                                                                         |      |                |
|      | modification of existing hole of size 1900mm x 500mm or equivalent area for quantity of up to 60 nos.   |      |                |
| 1788 | To supply and install SISIR approved fire damper through                                                | no   | 867            |
|      | 117                                                                                                     |      |                |
|      | modification of existing hole of size 2000mm x 600mm or equivalent                                      |      |                |
|      | area for quantity of up to 60 nos.                                                                      |      |                |
| 1789 | To supply and install SISIR approved fire damper through                                                | no   | 223.13         |
|      | modification of existing hole of size 600mm x 300mm or equivalent                                       |      |                |
|      | area for quantity of more than 60 nos.                                                                  |      |                |
| 1790 | To supply and install SISIR approved fire damper through                                                | no   | 318.75         |
|      | modification of existing hole of size 1200 x 300mm or equivalent                                        |      |                |
|      | area for quantity of more than 60 nos.                                                                  |      |                |
| 1791 | To supply and install SISIR approved fire damper through                                                | no   | 414.38         |
|      | modification of existing hole of size 1500 x 300mm or equivalent area for quantity of more than 60 nos. |      |                |
| 1792 | To supply and install SISIR approved fire damper through                                                | no   | 541.88         |
|      |                                                                                                         |      |                |
|      | modification of existing hole of size 2000mm x 300mm or equivalent                                      |      |                |
| 1793 | area for quantity of more than 60 nos.  To supply and install SISIR approved fire damper through        | no   | 554.63         |
| 1,55 | 10 Supply and mistan Sister approved the damper through                                                 | 110  | 334.03         |
|      | modification of existing hole of size 1800mm x 400mm or equivalent                                      |      |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
|      | area for quantity of more than 60 nos.                                    |      |                |
| 1794 | To supply and install SISIR approved fire damper through                  | no   | 586.5          |
|      | 115. 11. 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .                                  |      |                |
|      | modification of existing hole of size 1900mm x 500mm or equivalent        |      |                |
| 1705 | area for quantity of up to 60 nos.                                        |      | 765            |
| 1795 | To supply and install SISIR approved fire damper through                  | no   | 765            |
|      | modification of existing hole of size 2000mm x 600mm or equivalent        |      |                |
|      | area for quantity of more than 60 nos.                                    |      |                |
| 1796 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 25.5           |
|      |                                                                           |      | 25.5           |
|      | gaalvanised steel sheet) without insulation and coated with anti-rust     |      |                |
|      | primer and 2 coats of finishing paint up to 1 sq ft area                  |      |                |
| 1797 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 38.25          |
|      |                                                                           |      |                |
|      | galvanised steel sheet) without insulation and coated with anti-rust      |      |                |
|      | primer and 2 coats of finishing paint up to 2sq ft area                   |      |                |
| 1798 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 51             |
|      |                                                                           |      |                |
|      | galvanised steel sheet) without insulation and coated with anti-rust      |      |                |
| 4700 | primer and 2 coats of finishing paint up to 3sq ft area                   |      | 62.75          |
| 1799 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 63.75          |
|      | galvanised steel sheet) without insulation and coated with anti-rust      |      |                |
|      | primer and 2 coats of finishing paint up to 4sq ft area                   |      |                |
| 1800 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 76.5           |
| 1000 | To supply materials and labour to instally replace and pair (22 gauge     | 110  | 70.5           |
|      | galvanised steel sheet) without insulation and coated with anti-rust      |      |                |
|      | primer and 2 coats of finishing paint up to 5sq ft area                   |      |                |
| 1801 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 89.25          |
|      |                                                                           |      |                |
|      | galvanised steel sheet) without insulation and coated with anti-rust      |      |                |
|      | primer and 2 coats of finishing paint up to 6sq ft area                   |      |                |
| 1802 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 51             |
|      |                                                                           |      |                |
|      | galvanised steel sheet) with anti-rust primer and 2 coats of finishing    |      |                |
|      | paint) compelte with 1 x 1 lb fibre glass insulation for area up to 1 sq  |      |                |
| 1803 | ft.  To supply materials and labour to install/replace drip pan (22 gauge | no   | 63.75          |
| 1005 | To supply materials and labour to install/replace unp pair (22 gauge      | 110  | 03.73          |
|      | galvanised steel sheet) with anti-rust primer and 2 coats of finishing    |      |                |
|      | paint) complete with 1 x 1 lb fibre glass insulation for area up to 2 sq  |      |                |
|      | ft                                                                        |      |                |
| 1804 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 76.5           |
|      |                                                                           |      |                |
|      | galvanised steel sheet) with anti-rust primer and 2 coats of finishing    |      |                |
|      | paint) complete with 1 x 1 lb fibre glass insulation for area up to 3 sq  |      |                |
| 100- | ft                                                                        |      | 00.0-          |
| 1805 | To supply materials and labour to install/replace drip pan (22 gauge      | no   | 89.25          |
|      | galvanised steel sheet) with anti-rust primer and 2 coats of finishing    |      |                |
| I    | Barvariisea steer sheet) with anti-rust primer and 2 coats or illishiing  |      |                |

| S/No | Description                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | paint) complete with 1 x 1 lb fibre glass insulation for area up to 4 sq                                                                                                                       |      |                |
| 1806 | ft To supply materials and labour to install/replace drip pan (22 gauge                                                                                                                        | no   | 102            |
|      | galvanised steel sheet) with anti-rust primer and 2 coats of finishing paint) complete with 1 x 1 lb fibre glass insulation for area up to 5 sq                                                |      |                |
| 1807 | ft To supply materials and labour to install/replace drip pan (22 gauge                                                                                                                        | no   | 114.75         |
|      | galvanised steel sheet) with anti-rust primer and 2 coats of finishing paint) complete with 1 x 1 lb fibre glass insulation for area up to 6 sq ft                                             |      |                |
| 1808 | To supply all labour, materials for the overhauling of air-cooled                                                                                                                              | no   | 46.75          |
| 1809 | system cooling coil, blower, etc. Non-chemical steam cleaning and painting of rusty parts up to 27,320 Btuh cooling capacity To supply all labour, materials for the overhauling of air-cooled | no   | 65.45          |
|      | system cooling coil, blower, etc. Non-chemical steam cleaning and painting of rusty parts up to 61,470 Btuh cooling capacity                                                                   |      |                |
| 1810 | To supply all labour, materials for the overhauling of air-cooled                                                                                                                              | no   | 7.23           |
|      | system cooling coil, blower <(>&<)> etc with approved chemical) and painting of rusty parts up to 36 kw cooling capacity.                                                                      |      |                |
| 1811 | To supply all labour, materials for the overhauling of air-cooled                                                                                                                              | no   | 93.5           |
| 1812 | system cooling coil, blower <(>&<)> etc with approved chemical) and painting of rusty parts up to 53 kw cooling capacity.  To supply all labour, materials for the chemical cleaning of air-   | no   | 112.2          |
|      | cooled system cooling coil with approved chemical and painting of rusty parts up to 71 kw cooling capacity                                                                                     |      |                |
| 1813 | To supply all labour, materials for the chemical cleaning of air-                                                                                                                              | no   | 130.9          |
|      | cooled system cooling coil with approved chemical and painting of rusty parts up to 106 kw cooling capacity                                                                                    |      |                |
| 1814 | To supply all labour, materials for the chemical cleaning of air-                                                                                                                              | no   | 149.6          |
|      | cooled system cooling coil with approved chemical and painting of rusty parts up to 141 kw cooling capacity                                                                                    |      |                |
| 1815 | To supply all labour, materials for the chemical cleaning of air-                                                                                                                              | no   | 168.3          |
|      | cooled system cooling coil with approved chemical and painting of rusty parts up to 176 kw cooling capacity                                                                                    |      |                |
| 1816 | To supply all labour, materials for the chemical cleaning of water                                                                                                                             | no   | 56.1           |
| 1817 | cooled direct expansion coil with approved chemical and painting of rusty parts up to 18 kw cooling capacity  To supply all labour, materials for the chemical cleaning of water               | no   | 60.35          |
|      | cooled direct expansion coil with approved chemical and painting of                                                                                                                            |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | rusty parts up to 36kw cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1818 | To supply all labour, materials for the chemical cleaning of water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 74.8           |
|      | and a discrete comments and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the |      |                |
|      | cooled direct expansion coil with approved chemical and painting of rusty parts up to 53kw cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
| 1819 | To supply all labour, materials for the chemical cleaning of water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 79.05          |
| 1019 | To supply all labour, materials for the chemical cleaning of water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 110  | 79.05          |
|      | cooled direct expansion coil with approved chemical and painting of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | rusty parts up to 71kw cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1820 | To supply all labour, materials for the chemical cleaning of water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 88.4           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | cooled direct expansion coil with approved chemical and painting of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | rusty parts up to 106kw cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1821 | To supply all labour, materials for the chemical cleaning of water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 93.5           |
|      | cooled direct expansion coil with approved chemical and painting of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | rusty parts up to 141kw cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1822 | To supply all labour, materials for the chemical cleaning of water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 102.85         |
|      | To supply an involution and the street many of the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | 102.03         |
|      | cooled direct expansion coil with approved chemical and painting of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | rusty parts up to 176kw cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1823 | To supply all labour, materials for the chemical cleaning of air-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 59.5           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | cooled condenser with approved chemical and painting of rusty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
| 1824 | parts up to 2 RT (7.0kw) cooling capacity To supply all labour, materials for the overhauling of air-cooled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 76.5           |
| 1024 | To supply all labour, materials for the overflauling of all-cooled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 76.5           |
|      | condenser with approved chemical and painting of rusty parts up to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | 5RT (17.5 kw) cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 1825 | To supply all labour, materials for the overhauling of air-cooled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 85             |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | condenser with approved chemical and painting of rusty parts up to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 4006 | 10RT (35.1 kw) cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 400            |
| 1826 | To supply all labour, materials for the overhauling of air-cooled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 102            |
|      | condenser with approved chemical and painting of rusty parts up to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | 15RT (52.7 kw) cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 1827 | To supply all labour, materials for the chemical cleaning of air-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 127.5          |
|      | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | cooled condenser with approved chemical and painting of rusty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
|      | parts up to 20RT (70.3kw) cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                |
| 1828 | To supply all labour, materials for the overhauling of air-cooled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 144.5          |
|      | condensor with approved shamical and pointing of ructu parts up to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | condenser with approved chemical and painting of rusty parts up to 30RT (105.5kw) cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
| 1829 | To supply all labour, materials for the chemical cleaning of air-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 161.5          |
| 1025 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 101.5          |
|      | cooled condenser with approved chemical and painting of rusty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
|      | parts up to 40RT (140.6 kw) cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 1830 | To supply lall labour, materials for the chemical cleaning of air-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 178.5          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |

| S/No | Description                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------|------|----------------|
|      | cooled condenser with approved chemical and painting of rusty        |      |                |
|      | parts up to 50RT (175.8kw) cooling capacity                          |      |                |
| 1831 | To supply all labour, materials for the chemical cleaning of air-    | no   | 187            |
|      | cooled condenser with approved chemical and painting of rusty        |      |                |
|      | parts up to 60 RT (21.1 kw) cooling capacity                         |      |                |
| 1832 | To supply all labour, materials for the chemical cleaning of air-    | no   | 195.5          |
|      | cooled condenser with approved chemical and painting of rusty        |      |                |
|      | parts up to 70 RT (246kw) cooling capacity                           |      |                |
| 1833 | To supply all labour, materials for the chemical cleaning of chilled | no   | 46.75          |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
|      | painting of rusty parts up to 4 kw cooling capacity                  |      |                |
| 1834 | To supply all labour, materials for the chemical cleaning of chilled | no   | 74.8           |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
|      | painting of rusty parts up to 11kw cooling capacity                  |      |                |
| 1835 | To supply all labour, materials for the chemical cleaning of chilled | no   | 93.5           |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 4026 | painting of rusty parts up to 18 kw cooling capacity                 |      | 442.2          |
| 1836 | To supply all labour materials for the chemical cleaning of chilled  | no   | 112.2          |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 4027 | painting of rusty parts up to 36 kw cooling capacity                 |      | 120.0          |
| 1837 | To supply all labour, materials for the chemical cleaning of chilled | no   | 130.9          |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 1020 | painting of rusy parts up to 53 kw cooling capacity                  |      | 1.40.25        |
| 1838 | To supply all labour, materials for the chemical cleaning of chilled | no   | 140.25         |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 4020 | painting of rusy parts up to 71 kw cooling capacity                  |      | 110.6          |
| 1839 | To supply all labour, materials for the chemical cleaning of chilled | no   | 149.6          |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 1010 | painting of rusy parts up to 106 kw cooling capacity                 |      | 450.05         |
| 1840 | To supply all labour, materials for the chemical cleaning of chilled | no   | 158.95         |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 1044 | painting of rusy parts up to 141 kw cooling capacity                 |      | 407            |
| 1841 | To supply all labour, materials for the chemical cleaning of chilled | no   | 187            |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
| 1842 | painting of rusy parts up to 176 kw cooling capacity                 | no   | 215.05         |
| 1042 | To supply all labour, materials for the chemical cleaning of chilled | no   | 215.05         |
|      | water cooling coils (AHUs and FCUs) with approved chemical and       |      |                |
|      | painting of rusy parts up to 212 kw cooling capacity                 |      | ]              |

| S/No  | Description                                                                                                                      | Unit | Unit Cost (\$) |
|-------|----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1843  | To supply all labour, materials for the chemical cleaning of chilled                                                             | no   | 261.8          |
|       |                                                                                                                                  |      |                |
|       | water cooling coils (AHUs and FCUs) with approved chemical and                                                                   |      |                |
|       | painting of rusy parts up to 282 kw cooling capacity                                                                             |      |                |
| 1844  | To supply all labour, materials for the chemical cleaning of chilled                                                             | no   | 317.9          |
|       | water cooling coils (AHUs and FCUs) with approved chemical and                                                                   |      |                |
|       | painting of rusy parts up to 352 kw cooling capacity                                                                             |      |                |
| 1845  | To supply all labour, materials for the chemical cleaning of chilled                                                             | no   | 374            |
| 10.5  | To supply an ideath, materials for the shermed dearning of chimed                                                                |      | 374            |
|       | water cooling coils (AHUs and FCUs) with approved chemical and                                                                   |      |                |
|       | painting of rusy parts up to 423 kw cooling capacity                                                                             |      |                |
| 1846  | To supply all labour, materials for the chemical cleaning of chilled                                                             | no   | 430.1          |
|       | water cooling coils (AHUs and FCUs) with approved chemical and                                                                   |      |                |
|       | painting of rusy parts up to 493 kw cooling capacity                                                                             |      |                |
| 1847  | To supply all labour, materials for the chemical cleaning of chilled                                                             | no   | 484.5          |
| 1047  | To supply all labour, materials for the chemical cleaning of chilled                                                             | no   | 484.5          |
|       | water cooling coils (AHUs and FCUs) with approved chemical and                                                                   |      |                |
|       | painting of rusy parts up to 563 kw cooling capacity                                                                             |      |                |
| 1848  | To supply all labour, materials for the dismantling of chilled watr fan                                                          | no   | 374            |
|       |                                                                                                                                  |      |                |
|       | coil unit for rewinding of motor with CLASS F insulation, rebushing,                                                             |      |                |
|       | chemical cleaning of coil, clearing drain pipe and painting of all                                                               |      |                |
| 1040  | rusty parts and drip pan                                                                                                         | no   | 204            |
| 1849  | To supply all labour, materials for the chemical cleaning of air-                                                                | no   | 204            |
|       | cooled condenser with approved chemical and painting of rusty                                                                    |      |                |
|       | parts up to 80 RT (281 kw) cooling capacity                                                                                      |      |                |
| 1850  | To supply all labour, materials for the chemical cleaning of air-                                                                | no   | 229.5          |
|       | cooled condenser with approved chemical and painting of rusty                                                                    |      |                |
|       | parts up to 90RT and above (316kw) cooling capacity                                                                              |      |                |
| 1851  | N.A.                                                                                                                             |      |                |
| 1852  | N.A.                                                                                                                             |      |                |
| 1853- | N.A.                                                                                                                             |      |                |
| 1862  |                                                                                                                                  |      |                |
| 1863  | To supply all labour, chemical and submit monthly water treatment                                                                | no   | 1275           |
|       | report for cooling towers 950RT & above                                                                                          |      |                |
| 1864- | N.A.                                                                                                                             |      |                |
| 1866  |                                                                                                                                  |      |                |
| 1867- | N.A.                                                                                                                             |      |                |
| 1877  |                                                                                                                                  |      |                |
| 1878  | To supply all labour, chemical for the water treatment of chilled water system (monthly) for central chiller plant               | No   | 221            |
| 1879  | To supply all labour, materials and transport to loan and install                                                                | no   | 170            |
|       | chemical dosing pump c/w chemical tank for cooling tower.                                                                        |      |                |
| 1880  | To supply all labour, materials and transport to collect cooling tower                                                           | no   | 127.5          |
|       | water or fresh water camples to SCU/DSD Lab as any authorities                                                                   |      |                |
|       | water or fresh water samples to SGH/PSB Lab or any authorities approved Lab for testing of Legionella bacteria with test report. |      |                |
| l     | approved Lab for testing of Legionella bacteria with test report.                                                                | l    | 1              |

| S/No | Description                                                                                                             | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1881 | To supply all labour, materials and transport to collect cooling tower                                                  | no   | 42.5           |
|      | samples to SGH/PSB Lab or any authorities approved Lab for                                                              |      |                |
|      | standard plate count test with test report (per sample).                                                                |      |                |
| 1882 | To supply and replace biocide/corrosion chemical dosing pump of                                                         | no   | 382.5          |
|      |                                                                                                                         |      |                |
|      | max capacity fo up to 1.1 1/hr and max pressure of 15 bar c/w fittings and wirings including testing and commissioning. |      |                |
| 1883 | To supply and replace biocide/corrosion chemical dosing pump of                                                         | no   | 552.5          |
| 1005 | To supply and replace shoulder, corresion ellermodifications, gramp of                                                  |      | 332.3          |
|      | max capacity fo up to 2.1 1/hr and max pressure of 25 bar c/w                                                           |      |                |
|      | fittings and wirings including testing and commissioning.                                                               |      |                |
| 1884 | To supply and replace a solenoid valve oc 1/2" for bleeding in a                                                        | no   | 153            |
|      | water treatment system c/w fittings and wirings                                                                         |      |                |
| 1885 | To supply and replace a conductivity controller including testing and                                                   | no   | 935            |
|      | , , , , , , , , , , , , , , , , , , , ,                                                                                 |      |                |
|      | commissioning for water treatment system                                                                                |      |                |
| 1886 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 38.25          |
|      | openingup to 0.02cu m.                                                                                                  |      |                |
| 1887 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 51             |
|      |                                                                                                                         |      | 0_             |
|      | openingup to 0.05cu m.                                                                                                  |      |                |
| 1888 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 85             |
|      | openingup to 0.1cu m.                                                                                                   |      |                |
| 1889 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 127.5          |
|      |                                                                                                                         |      |                |
| 4000 | openingup to 0.15cu m.                                                                                                  |      |                |
| 1890 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 170            |
|      | openingup to 0.2cu m.                                                                                                   |      |                |
| 1891 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 212.5          |
|      |                                                                                                                         |      |                |
| 1000 | openingup to 0.3cu m.                                                                                                   |      | 255            |
| 1892 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 255            |
|      | openingup to 0.4cu m.                                                                                                   |      |                |
| 1893 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 297.5          |
|      |                                                                                                                         |      |                |
| 1894 | openingup to 0.5cu m.                                                                                                   | no   | 240            |
| 1034 | To cut through reinforcement concrete floor or wall to form                                                             | no   | 340            |
|      | openingup to 0.6cu m.                                                                                                   |      |                |
| 1895 | To supply labour, materials, transport and tools to cut through                                                         | no   | 34             |
|      | brickwell to form analing we to 0.02 aver                                                                               |      |                |
| 1896 | brickwall to form opening up to 0.02 cu m.  To supply labour, materials, transport and tools to cut through             | no   | 45.9           |
| 1030 | 10 Supply labour, materials, transport and tools to cut tillough                                                        | 110  | +3.3           |
|      | brickwall to form opening up to 0.05 cu m.                                                                              |      |                |

| S/No | Description                                                                                                 | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------|------|----------------|
| 1897 | To supply labour, materials, transport and tools to cut through                                             | no   | 68             |
|      | hatalanall ha farma aranina na ha 0.40 an m                                                                 |      |                |
| 1898 | brickwall to form opening up to 0.10 cu m.  To supply labour, materials, transport and tools to cut through | no   | 102            |
| 1030 | To supply labour, materials, transport and tools to cut timough                                             | 110  | 102            |
|      | brickwall to form opening up to 0.15 cu m.                                                                  |      |                |
| 1899 | To supply labour, materials, transport and tools to cut through                                             | no   | 119            |
|      |                                                                                                             |      |                |
| 1900 | brickwall to form opening up to 0.20 cu m.  To supply labour, materials, transport and tools to cut through | no   | 148.75         |
| 1900 | To supply labour, materials, transport and tools to cut timough                                             | 110  | 146.73         |
|      | brickwall to form opening up to 0.30 cu m.                                                                  |      |                |
| 1901 | To supply labour, materials, transport and tools to cut through                                             | no   | 178.5          |
|      |                                                                                                             |      |                |
| 1902 | brickwall to form opening up to 0.40 cu m.                                                                  |      | 200.25         |
| 1902 | To supply labour, materials, transport and tools to cut through                                             | no   | 208.25         |
|      | brickwall to form opening up to 0.50 cu m.                                                                  |      |                |
| 1903 | To supply labour, materials, transport and tools to cut through                                             | no   | 238            |
|      |                                                                                                             |      |                |
| 1004 | brickwall to form opening up to 0.60 cu m.                                                                  |      | 0.5            |
| 1904 | To supply labour, materials, transport and tools to patch up opening                                        | no   | 8.5            |
|      | for pipes /conduits with waterproof cement and sand mortar up to                                            |      |                |
|      | 100mm diameter.                                                                                             |      |                |
| 1905 | To supply labour, materials, transport and tools to patch up opening                                        | no   | 11.9           |
|      | for pipes /conduits with waterproof cement and sand mortar up to                                            |      |                |
|      | 205mm diameter.                                                                                             |      |                |
| 1906 | To supply labour, materials, transport and tools to patch up opening                                        | no   | 17             |
|      |                                                                                                             |      |                |
|      | for pipes /conduits with waterproof cement and sand mortar up to                                            |      |                |
| 1907 | 305mm diameter.  To prepare wall surface and apply one base coat of 20% dilution of                         | m2   | 2.04           |
| 1907 | To prepare wall surface and apply one base coat of 20% dilution of                                          | 1112 | 2.04           |
|      | synthetic emulsion paint and one finishing coat of synthetic                                                |      |                |
|      | emulsion paint to wall of handling unit room of any colour approved                                         |      |                |
| 4000 | by SO.                                                                                                      |      | 22.4           |
| 1908 | To seal up louvred panels, holes etc with 6mm thick master board                                            | m2   | 22.1           |
|      | (calcium silicated matric reinforced with cellulose).                                                       |      |                |
| 1909 | To seal up louvred panels, holes etc with 6mm thick waterproof                                              | m2   | 10.2           |
|      |                                                                                                             |      |                |
| 4010 | plywood.                                                                                                    | _    | 4-             |
| 1910 | To seal up louvred panels, holes etc with brick and cement plaster                                          | m2   | 17             |
|      | (wall thickness up to 225mm).                                                                               |      |                |
| 1911 | To supply labour, materials, transport and tools to patch up opening                                        | m2   | 38.25          |
|      |                                                                                                             |      |                |
|      | for pipes /conduits with waterproof cement and sand mortar up to                                            |      |                |
|      | 100mm diameter.                                                                                             |      | ı l            |

| S/No | Description                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1912 | To supply and erect steel staging of height from 3m high but not                                                                                                                                       | no   | 47.6           |
|      | exceeding 5m high and remove after use and clearing debris off site.                                                                                                                                   |      |                |
| 1913 | To supply and erect steel staging of height from 5m high but not                                                                                                                                       | no   | 65.45          |
|      | exceeding 7m high and remove after use and clearing debris off site.                                                                                                                                   |      |                |
| 1914 | To supply and erect steel staging of height from 7m high but not                                                                                                                                       | no   | 85.85          |
|      | exceeding 10m high and remove after use and clearing debris off site.                                                                                                                                  |      |                |
| 1915 | To supply and install stainless steel plain latch used for securing                                                                                                                                    | no   | 27.2           |
|      | AHU and Cooling Tower access panels and fastened with bolts and nuts to SO's approval.                                                                                                                 |      |                |
| 1916 | To supply and install stainless steel plain latch used for securing                                                                                                                                    | no   | 25.5           |
|      | AHU and Cooling Tower access panels and fastened with screws or rivets to SO's approval.                                                                                                               |      |                |
| 1917 | To provide monthly servicing inspection for chilled water fan coil unit                                                                                                                                | no   | 5.1            |
|      | as per spec and attending complaint calls (unlimited) for additioN.A.I or omission unit for central air-con system. Cost per unit per service per month.                                               |      |                |
| 1918 | To provide monthly servicing inspection for AHU as per spec and                                                                                                                                        | no   | 17             |
| 1919 | attending complaint calls (unlimited) for additioN.A.l or omission unit for central air-con system. Cost per unit per service per month.  To provide monthly servicing inspection for MVF inclusive of | no   | 3.4            |
|      | cleaning, checking of control check and adjust alignment of all drive,                                                                                                                                 |      |                |
|      | greasing all bearings etc, housekeeping for additioN.A.l or omission unit. Cost per unit per service per month.                                                                                        |      |                |
| 1920 | To provide monthly servicing inspection for water pumps as per                                                                                                                                         | no   | 34             |
|      | spec and attending complaint calls (unlimited) for addition.A.l or omission unit for central air-con system. Cost per unit per service per month.                                                      |      |                |
| 1921 | To provide monthly servicing inspection for cooling towers as per                                                                                                                                      | no   | 68             |
|      | spec and attending complaint calls (unlimited) for additioN.A.l or omission unit for central air-con system. Cost per unit per service                                                                 |      |                |
| 1922 | per month.  To provide monthly servicing inspection for chillers as per spec and                                                                                                                       | no   | 340            |
|      | attending complaint calls (unlimited) for additioN.A.l or omission unit                                                                                                                                |      |                |
| 1923 | for central air-con system. Cost per unit per service per month.<br>To provide rental of elevated platform (min 2 hours) for access to                                                                 | trip | 340            |
|      | high places including all necessary fuel, operator/driver, parking,                                                                                                                                    |      |                |

| S/No          | Description                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1924          | ALS, clearance with traffic police etc.  To provide mobile crane for hoisting air-con equipment to/from roof                                                                                           | trip | 340            |
| 1925          | top of building including operator.  Service to provide for preparation of drawing (tracing, drafting etc)                                                                                             | no   | 102            |
| 1926          | for negative of AO size (1189mm x 841mm) Service to provide for preparation of drawing (tracing, drafting etc)                                                                                         | no   | 46.75          |
| 1927          | for negative of A1 size (594mm x 841mm) Service to provide for preparation of drawing (tracing, drafting etc)                                                                                          | no   | 34             |
| 1928          | for negative of A2 size (594mm x 841mm) Service to provide for preparation of drawing (tracing, drafting etc)                                                                                          | no   | 25.5           |
| 1929          | for negative of A3 size (297mm x 841mm) To supply and provide printed drawing of paper size AO (1189mm x                                                                                               | no   | 4.68           |
| 1930          | 841mm) To supply and provide printed drawing of paper size A1 (594mm x                                                                                                                                 | no   | 3.83           |
| 1931          | 841mm) To supply and provide printed drawing of paper size A2 (420mm x                                                                                                                                 | no   | 2.13           |
| 1932          | 841mm) To supply and provide printed drawing of paper size A3 (297mm x                                                                                                                                 | no   | 1.28           |
| 1933-<br>1936 | 420mm)<br>N.A.                                                                                                                                                                                         |      |                |
| 1937          | Replacement of fan motor shaft up to 0.75kw (1 HP)                                                                                                                                                     | no   | 42.5           |
| 1938          | Washable netting filter with permanent filter permanent plastic                                                                                                                                        | no   | 15.3           |
| 1939          | frame - all sizes (origiN.A.l for split unit air-conditioner) Aluminium filter frame up to 2.8 feet sq (20 x 20)                                                                                       | no   | 15.3           |
| 1940          | Aluminium filter frame up to 4 feet sq (24 x 24)                                                                                                                                                       | no   | 21.25          |
| 1941          | To repair/fabricate housing (condenser, condenser FCU) with 22                                                                                                                                         | lot  | 25.5           |
| 1942          | gauge galvanised steel sheet coated with anti-rust primer and paint.  Min cost for area which is less than 2 sq feet (include labour).  To repair/fabricate housing (condenser, condenser FCU) with 22 | lot  | 29.75          |
| 1943          | gauge galvanised steel sheet coated with anti-rust primer and paint. AdditioN.A.I cost above 2 sq feet (include labour). To re-insulate 1 x 2 lb fibreglass insulation. Min cost for area which        | lot  | 63.75          |
|               | is less than 5 sq m (include labour).                                                                                                                                                                  |      |                |

| S/No | Description                                                                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1944 | To re-insulate 1 x 2 lb fibreglass insulation additioN.A.l cost above 5                                                   | m2   | 12.75          |
|      | sq m (include labour).                                                                                                    |      |                |
| 1945 | Smoke detector with sensitivity of 1.8%                                                                                   | no   | 212.5          |
|      |                                                                                                                           |      |                |
| 1946 | To supply/replace 3 core wire x 16/0076                                                                                   | m    | 1.28           |
| 1947 | To supply/replace 3 core wire x 40/0076                                                                                   | m    | 1.7            |
| 1948 | To supply/replace 3 core wire x 70/0076                                                                                   | m    | 2.55           |
| 1949 | Spray painting fo existing grilles or diffusers with face area equal or                                                   | no   | 29.75          |
|      | less than 3.06 sq ft (21 x 21) including removal from site for scrapping and painting and fixing back.                    |      |                |
| 1950 | Spray painting fo existing grilles or diffusers with face area more                                                       | no   | 42.5           |
|      | than 3.06 sq ft (21 x 21) up to 9.0 sq ft (3 x 3) including removal from site for scrapping and painting and fixing back. |      |                |
| 1951 | To replace the insulation for copper piping, pvc drain pipe etc with                                                      | no   | 34             |
|      | rigid polyurethane foam machine injected into the annulas                                                                 |      |                |
|      | bewtween pipe and 24 gauge aluminium jacketing (density 48kg/m3), thermal conductivity 0.023 w/m k or lower at 23 deg C,  |      |                |
|      | service temp -50 to 140 deg C) up to 35mm (1 3/8") dia with min 1                                                         |      |                |
|      | 1/2" (38mm) thickness & 2 pvc pipes in one jacketing.                                                                     |      |                |
| 1952 | Low temp control - Penn CNT-003E                                                                                          | no   | 282.12         |
| 1953 | Low pressure - CNT-017E                                                                                                   | no   | 125.5          |
| 1954 | High pressure - CNT-019E                                                                                                  | no   | 128.69         |
| 1955 | Oil pressure - CNT-016E                                                                                                   | no   | 422.96         |
| 1956 | Pilot light green - LIT 002E                                                                                              | no   | 14.37          |
| 1957 | Pilot light red - LIT 004E                                                                                                | no   | 15.13          |
| 1958 | Fuse 6 amp - FUS 020E                                                                                                     | no   | 46.16          |
| 1959 | Relay time delay - RLY 048E                                                                                               | no   | 118.66         |
| 1960 | TPA part for RLY 048E - RLY 050E                                                                                          | no   | 230.35         |
| 1961 | Timer - RLY 097E                                                                                                          | no   | 176.38         |
| 1962 | Contactor - CTR 059E                                                                                                      | no   | 321.47         |
| 1963 | Overload - RLY 006E                                                                                                       | no   | 318.58         |

| S/No  | Description                                                        | Unit   | Unit Cost (\$) |
|-------|--------------------------------------------------------------------|--------|----------------|
| 1964- | N.A.                                                               |        |                |
| 1982  | Called thillen all assesses O to the street                        |        | 242            |
| 1983  | Collect chiller oil sample & test report                           | sample | 340            |
| 1984  | To supply and replace O-ring 015-02354-008 / 028-13837             | no     | 12.16          |
| 1985  | To supply and replace oil filter c/w O-ring part no 026-31654-000  | no     | 357            |
|       | and 026-32000-000                                                  |        |                |
| 1986  | To supply and replace oil return educator part no 366-78307-000    | no     | 1384.4         |
| 1987  | To supply and replace solenoid valve part no 025-20996-000         | no     | 856.29         |
| 1988  | To supply and replace solenoid control part no 025-28721-000/025-  | no     | 1536.46        |
|       | 30464-000                                                          |        |                |
| 1989  | To supply and replace transducer, evaporator pressure part no 025- | no     | 560.83         |
|       | 28678-001                                                          |        |                |
| 1990  | To supply and replace transducer, oil pressure part no 025-28678-  | no     | 560.83         |
|       | 002                                                                |        |                |
| 1991  | To supply and replace sensor, oil and discharge part no 025-28936- | no     | 244.38         |
|       | 000                                                                |        |                |
| 1992  | To supply and replace oil heater thermostat part no 024-25500-000  | no     | 745.28         |
| 1993  | To supply and replace water BOX gasket part no 028-09951-000       | m      | 32.95          |
| 1994  | To supply and replace water temp sensor part no 025-29964-000      | no     | 91.38          |
| 1995  | To supply and replace relay part no 024-23962-000                  | no     | 56.7           |
| 1996  | To supply and replace transformer part no 025-27911-000, 025-      | no     | 197.12         |
|       | 30889-000                                                          |        |                |
| 1997  | To supply and replace Fuse 5 amp part no 025-14019-000             | no     | 6.55           |
| 1998  | To supply and replace Fuse 15 amp part no 025-14834-000            | no     | 8.5            |
| 1999  | To supply and replace Fuse 20 amp part no 025-29186-000            | no     | 11.31          |
| 2000  | To supply and replace control micro board part no 031-01065-       | no     | 5652.5         |
|       | 001/031-01065-002                                                  |        |                |
| 2001  | To supply and replace control power supply part no 031-01080-000   | no     | 962.29         |
| 2002  | To supply and replace control digital input part no 031-00935-000  | no     | 9665.1         |
| 2003  | To supply and replace control logic board part no 031-00936-003    | no     | 2947.31        |
| l     |                                                                    | I      | l l            |

| S/No | Description                                                                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------|------|----------------|
| 2004 | To supply and replace shaft seal assembly part no 015-02354-003                                    | no   | 1414.83        |
| 2005 | To supply and replace shaft seal assembly part no 015-02352-003                                    | no   | 2032.52        |
| 2006 | To supply and replace oil heater part no 025-29119-000                                             | no   | 230.1          |
| 2007 | To supply and replace oil level switch part no 024-25500                                           | no   | 745.28         |
| 2008 | To supply and replace control high pressure part no 025-28690-000                                  | no   | 379.78         |
| 2009 | To supply and replace potentiomeer part no 015-02352-016                                           | no   | 828.33         |
| 2010 | To supply and replace Filter Drier 1/2 Dia. Part No.026-31563 (026-                                | no   | 82.45          |
|      | 32358)                                                                                             |      |                |
| 2011 | To supply and replace Filter Drier 5/8 Dia. Part No.026-32020                                      | no   | 82.45          |
| 2012 | To supply and replace Valve Relief 1/2 NPTE Part No.022-04484                                      | no   | 582.85         |
| 2013 | To supply and replace Rupture Disc c/w Gasket Part No. 026-                                        | no   | 340.43         |
| 2014 | 09353/ (075-02357) To supply and replace York C Compressor Oil Part No. 011-00312-                 | no   | 233.75         |
| 2015 | 000 for (size SO, S1 & S2) - R22 To supply and replace York S Compressor Oil (S3/S4) Part No. 011- | no   | 814.3          |
| 2016 | 00922 To supply all labour, materials, tools and transportation to replace                         | no   | 643.45         |
| 2017 | Compressor Oil York K Oil 011-00533  To supply and replace Thrust Bearing Kit Part No. 0042683     | no   | 2492.63        |
| 2018 | To supply and replace Roller Bearing Kit Part No. 0004406/7                                        | no   | 1932.9         |
| 2019 | To supply and replace Gasket Overhaul Kit Part No. 0055601                                         | no   | 714            |
| 2020 | To supply and replace O-Ring Part No. 026-32001                                                    | no   | 34.85          |
| 2021 | To supply and replace Check Valve, Compressor                                                      | no   | 1190           |
| 2022 | To supply and replace Oil Separator Gasket Compressor                                              | no   | 442            |
| 2023 | To supply and replace Oil Cooler                                                                   | no   | 701.42         |
| 2024 | To supply and replace O-Ring Oil Gasket                                                            | no   | 5.95           |
| 2025 | To supply all materials, labour, tools and transportation to replace                               | no   | 175.95         |
|      | Oil Filter for YORK YK Chiller 026-32386-000                                                       |      |                |

| S/No | Description                                                                      | Unit     | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------|----------|----------------|
| 2026 | To supply all materials, labour, tools and transportation to replace             | no       | 27.2           |
|      | Oil Filter for YORK YK Chiller 028-08312-003                                     |          |                |
| 2027 | To supply all materials, labour, tools and transportation to replace             | no       | 99.79          |
|      | Oil Filter for YORK YK Chiller 026-13508-000                                     |          |                |
| 2028 | To supply all materials, labour, tools and transportation to replace             | no       | 181.65         |
|      | Oil Filter for YORK YK Chiller 029-16764-000                                     |          |                |
| 2029 | To supply all materials, labour, tools and transportation to replace             | no       | 264.61         |
|      | Oil Filter for YORK YK Chiller 013-02987                                         |          |                |
| 2030 | To supply all materials, labour, tools and transportation to replace             | no       | 674.05         |
|      | Oil Filter for YORK YK Chiller 011-00549                                         |          |                |
| 2031 | To supply all materials, labour, tools and transportation to replace             | no       | 82.45          |
|      | Oil Filter for YORK YK Chiller 026-32020                                         |          |                |
| 2032 | To supply all materials, labour, tools and transportation to replace             | no       | 302.6          |
|      | Oil Filter for YORK YK Chiller 026-31654                                         |          |                |
| 2033 | To supply all materials, labour, tools and transportation to replace             | no       | 51             |
|      | Oil Filter for YORK YK Chiller 026-32000                                         |          |                |
| 2034 | Nitrogen Gas                                                                     | cylinder | 34             |
| 2035 | Refrigerant R-11 Levy Included                                                   | lb       | 5.78           |
| 2036 | Refrigerant R-12 Levy Included                                                   | lb       | 5.78           |
| 2037 | Compressor Oil (18 Litre per pail)                                               | pail     | 442            |
| 2038 | Vacuum Pump Oil                                                                  | tube     | 26.44          |
| 2039 | Sealerstiv Tape                                                                  | roll     | 18.7           |
| 2040 | N.A.                                                                             |          |                |
| 2041 | Refrigerant R-134a                                                               | lb       | 4.42           |
| 2042 | To Supply and Replace Oil Filter c/w Gasket Part No 026-                         | no       | 158.95         |
| 2042 | 11225/028-08312 To Supply and Replace Oil Eductor Filter Prior Part No 036 14777 | no       | 92.45          |
| 2043 | To Supply and Replace Oil Eductor Filter Drier Part No 026-14777-                | no       | 82.45          |
| 2044 | 07<br>To Supply and Replace Oil Return Eductor Part No 364-18241                 | no       | 660 70         |
| 2044 | 10 Supply and Neplace On Neturn Eductor Fart NO 304-10241                        | no       | 668.78         |
| 2045 | To Supply and Replace Oil Pump Starter Part No 024-19119-002                     | no       | 584.63         |
| 2046 | To Supply and Replace High Pressure Control Part No 025-14385                    | no       | 260.02         |
|      |                                                                                  |          |                |

| S/No | Description                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------|------|----------------|
| 2047 | To Supply and Replace Overload Element Part No 024-20092           | no   | 66.56          |
| 2048 | To Supply and Replace Float Switch Part No 024-16306               | no   | 774.95         |
| 2049 | To Supply and Replace Solenoid Valve for S2/S3 Compressor Part     | no   | 266.73         |
|      | No 025-29137                                                       |      |                |
| 2050 | To Supply and Replace Foul Gas Filter Drier Part No 026-28173      | no   | 64.6           |
| 2051 | To Supply and Replace 3-Way Valve Solenoid Part No 025-16988       | no   | 557.09         |
| 2052 | To Supply and Replace Check Valve 1/4 Part No 022-03902            | no   | 114.41         |
| 2053 | To Supply and Replace Purge Filter Drier Part No 026-14777-007     | no   | 82.45          |
| 2054 | To Supply and Replace Flow Switch Part No 024-15793                | no   | 714.6          |
| 2055 | To Supply and Replace Condenser Transducer Part No 025-29148-      | no   | 560.83         |
|      | 001                                                                |      |                |
| 2056 | To Supply and Replace Evaporator Transducer Part No 025-29148-     | no   | 560.83         |
| 2057 | 002 To Supply and Replace Water BOX Gasket Part No 028-09951       | no   | 10.03          |
| 2037 | To supply and Replace Water Box Gasket Fair No 025 05551           | 110  | 10.03          |
| 2058 | To Supply and Replace Oil Transducer (Low) Part No 025-29148-      | no   | 560.83         |
| 2059 | 003 To Supply and Replace Oil Transducer (High) Part No 025-29148- | no   | 560.83         |
| 2060 | 003 To Supply and Replace Water Temperature Sensor Part No 025-    | no   | 91.38          |
| 2000 | To supply and Replace Water Temperature Sensor Part No 025-        | 110  | 91.56          |
| 2061 | 28935/025-29964<br>To Supply and Replace Relay Part No 024-23962   | no   | 56.7           |
| 2062 | To Supply and Replace Transformer Part No 025-27911                | no   | 197.12         |
| 2063 | To Supply and Replace Fuse 5 Amp Part No 025-14019                 | no   | 6.55           |
| 2064 | To Supply and Replace Fuse 15 Amp Part No 025-14384                | no   | 8.5            |
| 2065 | To Supply and Replace Control Micro Board Part No 031-00940-       | no   | 4502.88        |
|      | 001                                                                |      |                |
| 2066 | To Supply and Replace Control Power Supply Part No 031-01080       | no   | 1071.77        |
| 2067 | To Supply and Replace Control Digital Input Part No 031-00935      | no   | 961.1          |
| 2068 | To Supply and Replace Control Relay Board Part No 031-00932-       | no   | 983.96         |
| l    | l                                                                  | l    | I I            |

| S/No | Description                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|------|----------------|
| 2069 | 001 To Supply and Replace Keyboard Switch Part No 024-24606                       | no   | 466.74         |
| 2070 | To Supply and Replace Display Board Part No 031-00775-001                         | no   | 1443.81        |
| 2071 | To Supply and Replace Control Current Module Part No 031-00947                    | no   | 1914.2         |
| 2072 | To Supply and Replace Control Current Module Part No 031-00936-                   | no   | 2947.29        |
| 2073 | 003 To Supply and Replace Oil/Discharge Temp Sensor Part No 025-                  | no   | 244.38         |
| 2074 | 28936 To Supply and Replace Bearing Kit Part No 464-46887                         | no   | 20368.72       |
| 2075 | To Supply and Replace Shaft Seal Kit Part No 464-46874                            | no   | 1520.06        |
| 2076 | To Supply and Replace Gasket Kit Part No 364-47163                                | no   | 667.85         |
| 2077 | To Supply and Replace Equalize Solenoid Valve Part No 025-25935                   | no   | 584.04         |
| 2078 | (025-28988) To Supply and Replace Oil Pump Assembly Part No 026-28158             | no   | 8070.84        |
| 2079 | To Supply and Replace Oil Heater Part No 025-09445                                | no   | 1212.95        |
| 2080 | To Supply and Replace Thermostat Part No 024-23990                                | no   | 312.04         |
| 2081 | To Supply and Replace Valve Relief Valve 3/4 Part No 022-06801                    | no   | 787.02         |
| 2082 | To Supply and Replace PRV Motor Part No 025-17175                                 | no   | 3023.62        |
| 2083 | To Supply and Replace Impeller Part No                                            | no   | 9163           |
| 2084 | To Supply and Replace Motor Bearing Set Part No                                   | no   | 748            |
| 2085 | To Supply and Replace Water Pump Part No 026-31070                                | no   | 721.14         |
| 2086 | To Supply and Replace Control Trigger Board Part No 031-00925-                    | no   | 5015.94        |
| 2087 | 003 (371-01450-003)<br>To Supply and Replace SCR Assy Part No 371-01085-004 (375- | no   | 5856.15        |
| 2088 | 03048-004) To Supply and Replace S.S.S.Fuse 15A Part No 025-25584                 | no   | 45.14          |
| 2089 | To Supply and Replace S.S.S.Fuse 4A Part No 025-27973                             | no   | 9.01           |
| 2090 | To Supply and Replace S.S.S. Sensor Part No 025-27652                             | no   | 263.67         |

| S/No          | Description                                                                                    | Unit | Unit Cost (\$) |
|---------------|------------------------------------------------------------------------------------------------|------|----------------|
| 2091          | To Supply and Replace S.S.S. Transformer Part No 025-26294                                     | no   | 1640.08        |
| 2092          | To Supply and Replace Oil Filter Gakset Part No.                                               | no   | 5.95           |
| 2093          | Supply and Replace O-Ring for 025-30961-000 028-12513-000                                      | no   | 1.87           |
| 2094          | Supply and Replace Evaporator Regrigerant Temperature Sensor                                   | no   | 171.79         |
| 2095          | Straight Threads 025-34159-000 Supply and Replace Oil Gasket - Pintype Cartridges (2 pcs) 028- | no   | 27.2           |
| 2096-<br>2107 | 08312-005<br>Supply and Replace - Oil Filter Drive 026-32386-000 (2 nos)                       | no   | 175.95         |
| 2108-<br>2124 | N.A.                                                                                           |      |                |
| 2125          | Supply and Replacement of O Ring Baby Transmission KK-71EW-                                    | no   | 22.45          |
| 2126          | 263 Supply and Replacement of O Ring Oil Pump KK-71EW-268                                      | no   | 18.41          |
| 2127          | Supply and Replacement of O Ring Inner KK-71EW-449                                             | no   | 27.46          |
| 2128          | Supply and Replacement of O Ring Otter Diff KK-71EW-463                                        | no   | 58.79          |
| 2129          | Supply and Replacement of O Ring Comp KK-71EW-463                                              | no   | 71.54          |
| 2130          | Supply and Replacement of O Ring Motor Cover KK-71EW-470                                       | no   | 75.58          |
| 2131          | Supply and Replacement of O Ring Suction Housing KK-71EW-471                                   | no   | 136.47         |
| 2132          | Supply and Replacement of Impeller Spacer 02XB3500-6801                                        | no   | 474.81         |
| 2133          | Supply and Replacement of Impeller Key 19HR212-1042                                            | no   | 166.35         |
| 2134          | Supply and Replacement of Sealing Washer AU-52N.A171                                           | no   | 19.38          |
| 2135          | Supply and Replacement of Impeller Washer 02xB0500-2701                                        | no   | 13.08          |
| 2136          | Supply and Replacement of Oil Heater Gakset 19XB-680-005                                       | no   | 75.1           |
| 2137          | Supply and Replacement of Suction Gasket 19XB5500-2503                                         | no   | 45.06          |
| 2138          | Supply and Replacement of O Ring Demister KK-71EW-229                                          | no   | 5.17           |
| 2139          | Supply and Replacement of O Ring Discharge Line 19XB5500-2502                                  | no   | 45.06          |
| 2140          | Supply and Replacement of O Laby, Rotor Shaft 02xB3400-7501                                    | no   | 4565.61        |
| 2141          | Supply and Replacement of Bearing Compressor Gear End                                          | no   | 3252.61        |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
| 2142 | 02XB3502-7201 Supply and Replacement of Bearing Drive End rotor 02XB3502- | no   | 3331.75        |
| 2143 | 2401 Supply and Replacement of Hi-speed Shaft Bearing 02XB3502-           | no   | 2269.08        |
| 2144 | 7301 Supply and Replacement of Thrust & Shaft Assembly 19XL-660-012       | no   | 19484.98       |
| 2145 | Supply and Replacement of Ring Seal 02XB3501-5901                         | no   | 600.78         |
| 2146 | Supply and Replacement of Bearing Assembly 02XB-660-003                   | no   | 5536.22        |
| 2147 | Supply and Replacement of Pad Packaged Adjusting 19-D-23-841              | no   | 326.23         |
| 2148 | Supply and Replacement of Thrust Shoe Assembly 19DA-23-203                | no   | 1797.5         |
| 2149 | Supply and Replacement of Guide Vane O Ring KK-71EW-228                   | no   | 4.85           |
| 2150 | Supply and Replacement of V Ring Set Outter KK-71HT-014                   | no   | 39.89          |
| 2151 | Supply and Replacement of V Ring Set Inner KK71HT-016                     | no   | 72.19          |
| 2152 | Supply and Replacement of Seal Nylon 1aEA-4101931                         | no   | 18.73          |
| 2153 | Supply and Replacement of Filter Kit 02XB660-004                          | no   | 221.26         |
| 2154 | Supply and Replacement of O Ring KK-71EW-023                              | no   | 3.23           |
| 2155 | Supply and Replacement of O Ring KK-71EW-134                              | no   | 4.04           |
| 2156 | Supply and Replacement of O Ring KK-71EW-165                              | no   | 24.55          |
| 2157 | Supply and Replacement of O Ring KK-71EW-223                              | no   | 2.58           |
| 2158 | Supply and Replacement of O Ring KK-71EW-256                              | no   | 21.64          |
| 2159 | Supply and Replacement of Condenser W/B Gasket 09XB5500-                  | no   | 104.01         |
| 2160 | 1801 Supply and Replacement of Cooler W/B Gakset 10XB5500-1801            | no   | 104.01         |
| 2161 | Supply and Replacement of Filter KH-42ME-060                              | no   | 116.44         |
| 2162 | Supply and Replacement of Filter Drier ALCO-EK-605-1                      | no   | 112.08         |
| 2163 | Supply and Replacement of Compressor Oil R134A P903-1005                  | no   | 442            |
| 2164 | Supply and Replacement of Lo Voltage TermiN.A.I HY-85AA-062               | no   | 377.91         |

| S/No          | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 2165          | Supply and Replacement of Actuator Motor HF-26BB-024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 2635.68        |
| 2166          | Supply and Replacement of SMM CES0121319-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no   | 3176.71        |
| 2167          | Supply and Replacement of PS10 19XB-0400-85011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 5415.1         |
| 2168          | Supply and Replacement of LID CES0130036                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 9173.2         |
| 2169          | Supply and Replacement of Temp Sensor HH-79N2-047                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 108.04         |
| 2170          | Supply and Replacement of Cable Temp Sensor HH-79NZ-048                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 46.67          |
| 2171          | Supply and Replacement of Pressure Transducer HK-05YZ-002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 541.03         |
| 2172-<br>2445 | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 2446          | Supply labour/tools to clean condenser tube (ASD) up to 750RT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | job  | 731            |
|               | 1. To lubricate the motor bearings (chiller) 2. To check the solid state starter connections and tightness 3. To service the starter cooling pumps and check the cooling system, refill when necessary and operation 4. To perform leaks test using system pressure, check controls and recalibration if necessary 5. To megger and check tightness of the chiller motor termiN.A.ls 6. To drain out water from the condenser unit 7. To remove the non-piping end of the condenser water box cover 8. To clean the tubes using brushes by manual or |      |                |
|               | machine 9. To apply anti-rust paint for the interN.A.l part of the water box cover 10. To replace water box gasket and fix back the cover 11. To fill up water and commissioning the system.                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 2447          | Supply labour/tools to clean tube (ASD) up to 1500RT. 1. To drain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | job  | 1020           |
|               | out water from the cooler unit 2. To remove cooler water box cover 3. To clean the tubes using brushes by manual or machine 4. To apply antirust paint for the interN.A.I part of the water box cover 5. To replace water box gasket and fix back the cover 6. To reinsulate the damaged insulation parts 7. To fill up water and commissioning the system.                                                                                                                                                                                          |      |                |
| 2448          | Skilled Tradesman (eg concretor, steel e.g. concretor, steel bender,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | hr   | 10.2           |
| 2449          | mason, electrician, mechanic, plumber, painter, carpenter, plasterer, tiler, welder, etc. Supervisor (between 8.30am to 6.00pm, from Monday to Saturday)                                                                                                                                                                                                                                                                                                                                                                                             | hr   | 25.5           |
| 2450-<br>2452 | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 2452          | Supply Engineer between 0800 hrs to 1800 hrs on weekdays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | hr   | 27.2           |
| 2454          | Supply Supervisor/Technical officer between 0800 hrs to 1800 hrs on weekdays                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | hr   | 18.7           |

| S/No  | Description                                                                                                                             | Unit | Unit Cost (\$) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 2455  | Supply Senior Technician/Technician between 0800 hrs to 1800 hrs                                                                        | hr   | 10.2           |
|       |                                                                                                                                         |      |                |
| 2456  | on weekdays                                                                                                                             | la u | 2.4            |
| 2456  | Supply Engineer between 1801 hrs to 0759 hrs on weekdays and full day (Sat/Sun/PH)                                                      | hr   | 34             |
| 2457  | Supply Supervisor/Technical officer between 1801 hrs to 0759 hrs on                                                                     | hr   | 25.5           |
| 2.137 | weekdays and full day (Sat/Sun/PH)                                                                                                      |      | 25.5           |
| 2458  | Supply Senior Technician/Technician between 1801 hrs to 0759 hrs on                                                                     | hr   | 17             |
|       | weekdays and full day (Sat/Sun/PH)                                                                                                      |      |                |
| 2459  | To supply all materials, labour and transport for installation /                                                                        | no   | 790.5          |
|       | replacement of motorized butterfly valve c/w electrical actuator up to                                                                  |      | 750.5          |
| 2460  | size 105mm                                                                                                                              | 20   |                |
| 2460  | To supply all materials, labour and transport for installation / replacement of motorized butterfly valve c/w electrical actuator up to | no   | 943.5          |
|       | size 155mm                                                                                                                              |      |                |
| 2461  | To supply all materials, labour and transport for installation /                                                                        | no   | 1.420          |
|       | replacement of motorized butterfly valve c/w electrical actuator up to                                                                  |      | 1428           |
|       | size 205mm                                                                                                                              |      |                |
| 2462  | To supply all materials, labour and transport for installation /                                                                        | no   | 1683           |
|       | replacement of motorized butterfly valve c/w electrical actuator up to size 255mm                                                       |      |                |
| 2463  | To supply all materials, labour, tools, equipment and transport for                                                                     | no   |                |
|       | steam cleaning of the cooling coil of the air-handling unit (AHU) of any                                                                |      | 59.5           |
|       | capacities and sizes                                                                                                                    |      |                |
| 2464  | Supply and replace Fire Extinguisher c/w wall bracket including                                                                         | no   | 39.1           |
|       | installation and taking down existing extinguisher for disposal – ABC                                                                   |      | 33.1           |
| 2465  | Dry Chemical up to 2.0 kg Supply and replace Fire Extinguisher c/w wall bracket including                                               | no   |                |
| 2403  | installation and taking down existing extinguisher for disposal – ABC                                                                   | 110  | 52.28          |
|       | Dry Chemical up to 2.0 to 2.5kg                                                                                                         |      |                |
| 2466  | Supply and replace Fire Extinguisher c/w wall bracket including                                                                         | no   | 61.2           |
|       | installation and taking down existing extinguisher for disposal – ABC                                                                   |      | 01.2           |
| 2467  | Dry Chemical up to 4.0 to 4.5kg                                                                                                         | 20   |                |
| 2467  | Supply and replace Fire Extinguisher c/w wall bracket including installation and taking down existing extinguisher for disposal – ABC   | no   | 79.05          |
|       | Dry Chemical 9kg                                                                                                                        |      |                |
| 2468  | Supply and replace Fire Extinguisher c/w wall bracket including                                                                         | no   | 82.45          |
|       | installation and taking down existing extinguisher for disposal – CO2                                                                   |      | 62.43          |
| 2460  | 2kg                                                                                                                                     |      |                |
| 2469  | Supply and replace Fire Extinguisher c/w wall bracket including installation and taking down existing extinguisher for disposal – CO2   | no   | 144.93         |
|       | 5kg                                                                                                                                     |      |                |
| 2470  | Supply and replace of protective metal boxes for the following sizes of                                                                 | no   | 78.63          |
|       | fire extinguishers – 2.5kg type                                                                                                         |      |                |
| 2471  | Supply and replace of protective metal boxes for the following sizes of                                                                 | no   | 87.55          |
| 2472  | fire extinguishers – 4.5kg type                                                                                                         |      |                |
| 2472  | Supply and replace of protective metal boxes for the following sizes of fire extinguishers – 9.0kg type                                 | no   | 114.33         |
| 2473  | Refill and recharging of dry chemical fire extinguishers (any brand)                                                                    | Kg   | 6.38           |
| 2.73  | maintained pressure                                                                                                                     | ۵,,  | 0.50           |
| 2474  | Refill and recharging of CO2 fire extinguishers (any brand)                                                                             | Kg   | 10.63          |
|       |                                                                                                                                         |      |                |

| S/No | Description                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------|------|----------------|
| 2475 | Supply and replace break glass with wording for key holder of either | no   | 9.78           |
|      | extinguisher cabinet or hosereel's box (approved type)               |      |                |
| 2476 | Supply and replace viewing glass for fire extinguishers or hosereel  | no   | 16.15          |
|      | cabinet (approved type)                                              |      |                |
| 2477 | Drainage and re-charging for drainage of sprinkler / hosereel system | Job  | 467.5          |
|      |                                                                      |      |                |

## PRICE SCHEDULE OF RATES III – ELECTRICAL WORKS

## 1. MAINTENANCE, REPAIRS, ADDITIONS & ALTERATIONS

| S/No | Description                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1    | Ceiling/Pendant/Bracket light pt c/w 5 amp SP flush moulded switch and moulded box.                                                                                         | no   | 20.4           |
| 2    | Ceiling/Pendant/Bracket light pt without switch.                                                                                                                            | no   | 17             |
| 3    | Ceiling/Pendant/Bracket light pt c/w 5 amp 2 way SP flush moulded switch and moulded box.                                                                                   | no   | 25.5           |
| 4    | Spotlight pt c/w 5 amp SP flush moulded switch and moulded box.                                                                                                             | no   | 25.5           |
| 5    | Bracket wall fan pt c/w 5 amp SP flush moulded switch and moulded box, fan mounting block etc.                                                                              | no   | 20.4           |
| 6    | Ceiling fan pt c/w 5 amp flush moulded switch and moulded box, regulator mounting block and fan hook.                                                                       | no   | 30.6           |
| 7    | Exhaust fan pt c/w 5 amp flush moulded switch and moulded box etc.                                                                                                          | no   | 20.4           |
| 8    | Power socket outlet pt c/w 13 amp single gang switch socket outlet and moulded box (including ring circuits).                                                               | no   | 34             |
| 9    | Power socket outlet pt c/w 15 amp round pin flush type switch socket outlet and moulded box.                                                                                | no   | 42.5           |
| 10   | Power socket outlet pt c/w 13 amp twin flush type switch socket outlet and moulded box (including ring circuits).                                                           | no   | 42.5           |
| 11   | Electric clock pt c/w fuse connector.                                                                                                                                       | no   | 20.4           |
| 12   | Water heater pt c/w 20A DP switch with neon indicator and fused connection unit.                                                                                            | no   | 42.5           |
| 13   | Power socket outlet pt c/w 20 amp DP switch with neon indicator and 15 amp socket outlet adjacent to air- conditioner.                                                      | no   | 51             |
| 14   | Power socket outlet pt c/w 20 amp DP switch with neon indicator and 15 amp socket outlet, 3-way connector and teak block (180mm x 200mm x 32mm) w/o starter.                | no   | 68             |
| 15   | Red toggle of switch instead of white toggle of switch (additional cost).                                                                                                   | no   | 2.55           |
| 16   | Additional neon light for any moulded socket outlet plate or switch plate.                                                                                                  | no   | 3.4            |
| 17   | Hand dryer point c/w 13A single gang switch socket outlet and moulded box, 3-pin plug.                                                                                      | no   | 27.2           |
| 18   | Telephone pt c/w socket or faceplate (RJ11 or RJ45) with base.                                                                                                              | no   | 12.75          |
| 19   | Power socket outlet pt c/w 13 amp single gang switch socket outlet and moulded box (including ring circuits) but not exceeding 40M.                                         | no   | 127.5          |
| 20   | Power socket outlet pt c/w 15 amp single gang switch socket outlet and moulded box (including ring circuits) but not exceeding 40M.                                         | no   | 119            |
| 21   | Supply and Install Ceiling Pendent/Bracket light point c/w 5Amp 1/2 way SP switch, flush moulded box, in PVC trunking/conduit, 3x1 core 11.5mm2 PVC cable of above 50m run. | lot  | 85             |

| S/No | Description                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 22   | Supply and Install power point c/w 2 x 13Amp switch socket outlet, flush moulded box, in PVC trunking/conduit, 6x1 core 2.5mm2 PVC cable of above 40m run, including ring circuit.                                               | lot  | 153            |
| 23   | Power Socket outlet point c/w 20 amp DP shuttered combined metal switch socket but not exceeding 40M metal clad switch with neon indicator and 15 amp socket outlet adjacent to air-condition but not exceeding 40M.  Not in use | no   | 220.15         |
| 25   | Not in use                                                                                                                                                                                                                       |      |                |
| 26   | Spotlight pt c/w 5 amp SP surface type metal clad switch.                                                                                                                                                                        | no   | 35.7           |
| 27   | Bracket wall fan pt c/w 5 amp SP surface type metal clad switch, teak block and necessary accessories.                                                                                                                           | no   | 28.9           |
| 28   | Ceiling fan pt c/w 5 amp surface type metal clad switch, fan hook, teak block for mounting regulator etc.                                                                                                                        | no   | 42.5           |
| 29   | Power socket outlet pt c/w 3-pin & 13 amp shuttered combined metal clad switched socket outlet (including ring circuits).                                                                                                        | no   | 38.25          |
| 30   | Power socket outlet pt c/w 3-pin 15 amp shuttered combined metal clad switch socket outlet.                                                                                                                                      | no   | 59.5           |
| 31   | Electric clock pt c/w fuse connector.                                                                                                                                                                                            | no   | 28.9           |
| 32   | Power socket outlet pt c/w 13 amp shuttered type twin combined metal clad switch socket outlet (including ring circuit)                                                                                                          | no   | 45.05          |
| 33   | Water heater pt c/w 20 amp DP switch with neon indicator light and fused connection unit.                                                                                                                                        | no   | 59.5           |
| 34   | Power socket outlet pt c/w 20 amp DP metal clad switch with neon indicator and 15 amp socket outlet adjacent to air- conditioner.                                                                                                | no   | 71.4           |
| 35   | Power socket outlet pt c/w 20 amp DP switch with neon indicator lamp and 15 amp socket outlet, 3-way connector and teak block of size 180mm x 260mm x 32mm w/o starter.                                                          | no   | 95.2           |
| 36   | Additional neon light for any moulded socket outlet plate or switch plate.                                                                                                                                                       | no   | 3.4            |
| 37   | Power socket outlet pt c/w 20 amp DP shuttered combined metal clad switch socket but not exceeding 40M metal clad switch with neon indicator and 15 amp socket outlet adjacent to air-condition but not exceeding 40M.           | no   | 220.15         |
| 38   | 1 x 1 sq mm PVC/PVC insulated cable.                                                                                                                                                                                             | m    | 0.3            |
| 39   | 1 x 1.5 sq mm PVC/PVC insulated cable.                                                                                                                                                                                           | m    | 0.38           |
| 40   | 1 x 2.5 sq mm PVC/PVC insulated cable.                                                                                                                                                                                           | m    | 0.51           |
| 41   | 1 x 4 sq mm PVC/PVC insulated cable.                                                                                                                                                                                             | m    | 0.64           |
| 42   | 1 x 6 sq mm PVC/PVC insulated cable.                                                                                                                                                                                             | m    | 1.19           |
| 43   | 1 x 10 sq mm PVC/PVC insulated cable.                                                                                                                                                                                            | m    | 1.45           |
| 44   | 1 x 16 sq mm PVC/PVC insulated cable.                                                                                                                                                                                            | m    | 2.21           |

| S/No | Description                                                                                                                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 45   | 1 x 25 sq mm PVC/PVC insulated cable.                                                                                                                                                     | m    | 3.23           |
| 46   | 1 x 35 sq mm PVC/PVC insulated cable.                                                                                                                                                     | m    | 4.51           |
| 47   | 1 x 50 sq mm PVC/PVC insulated cable.                                                                                                                                                     | m    | 5.74           |
| 48   | 1 x 70 sq mm PVC/PVC insulated cable.                                                                                                                                                     | m    | 7.91           |
| 49   | 1 x 95 sq mm PVC/PVC insulated cable.                                                                                                                                                     | m    | 11.56          |
| 50   | 1 x 120 sq mm PVC/PVC insulated cable.                                                                                                                                                    | m    | 13.18          |
| 51   | 1 x 150 sq mm PVC/PVC insulated cable.                                                                                                                                                    | m    | 15.81          |
| 52   | 1 x 185.0mm2 PVC insulated cable.                                                                                                                                                         | m    | 19.98          |
| 53   | 1 x 240 sq mm PVC/PVC insulated cable.                                                                                                                                                    | m    | 25.5           |
| 54   | 1 x 300 sq mm PVC/PVC insulated cable.                                                                                                                                                    | m    | 33.15          |
| 55   | 1 x 630 sq mm PVC/PVC insulated cable.                                                                                                                                                    | m    | 66.3           |
| 56   | 1 x 1 sq mm PVC insulated cable.                                                                                                                                                          | m    | 0.26           |
| 57   | 1 x 1.5 sq mm PVC insulated cable.                                                                                                                                                        | m    | 0.34           |
| 58   | Supply and Install Ceiling/Pendent/Bracket light point c/w 5Amp 1/2 way SP metal clad switch, flush moulded box, in GI steel conduit, 3x1 core 1.5mm2 PVC cable above 50m run.            | lot  | 119            |
| 59   | Supply and Install power point c/w 2 x 13Amp metal clad switch socket outlet, flush moulded box, in GI steel conduit, 6x1 core 2.5mm2 PVC cable of above 40m run, including ring circuit. | lot  | 170            |
| 60   | Supply and Install power point c/w 2 x 15Amp metal clad switch socket outlet, flush moulded box, in GI steel trunking/conduit, 3x1 core 2.5mm2 PVC cable above 40m run.                   | lot  | 153            |
| 61   | 1 x 2.5 sq mm PVC insulated cable.                                                                                                                                                        | m    | 0.34           |
| 62   | 1 x 4.0 sq mm PVC insulated cable.                                                                                                                                                        | m    | 0.51           |
| 63   | 1 x 6.0 sq mm PVC insulated cable.                                                                                                                                                        | m    | 0.89           |
| 64   | 1 x 10.0 sq mm PVC insulated cable.                                                                                                                                                       | m    | 1.28           |
| 65   | 1 x 16.0 sq mm PVC insulated cable.                                                                                                                                                       | m    | 1.87           |
| 66   | 1 x 25.0 sq mm PVC insulated cable.                                                                                                                                                       | m    | 2.81           |
| 67   | 1 x 35.0 sq mm PVC insulated cable.                                                                                                                                                       | m    | 3.91           |
| 68   | 1 x 50.0 sq mm PVC insulated cable.                                                                                                                                                       | m    | 5.14           |

| S/No | Description                                                                                           | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------|------|----------------|
| 69   | 1 x 70.0 sq mm PVC insulated cable.                                                                   | m    | 7.14           |
| 70   | 1 x 95.0 sq mm PVC insulated cable.                                                                   | m    | 10.54          |
| 71   | 1 x 120.0 sq mm PVC insulated cable.                                                                  | m    | 11.9           |
| 72   | 1 x 150.0 sq mm PVC insulated cable.                                                                  | m    | 14.28          |
| 73   | 1 x 185.0 sq mm PVC insulated cable.                                                                  | m    | 18.19          |
| 74   | 1 x 240 sq mm PVC insulated cable.                                                                    | m    | 22.95          |
| 75   | 3-core x 16/0.2 PVC insulated/sheathed flexible cord.                                                 | m    | 0.72           |
| 76   | 3-core x 40/0.25 PVC flexible insulated/sheathed cord.                                                | m    | 1.62           |
| 77   | 3-core x 70/0.25 PVC flexible insulated/sheathed cord.                                                | m    | 3.06           |
| 78   | Supply & install 2 pairs multi core telephone cable.                                                  | m    | 0.72           |
| 79   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, 1C x 25 sq mm                                 | m    | 11.22          |
| 80   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, 1C x 35 sqmm                                  | m    | 14.71          |
| 81   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, 1C x 50 sq mm                                 | m    | 18.62          |
| 82   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, 1C x 70 sq mm                                 | m    | 24.48          |
| 83   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, 1C x 95 sq mm to 150 sq mm.                   | m    | 28.56          |
| 84   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, but cable size 1.5 sq mm.                     | m    | 3.06           |
| 85   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ0.6/1KV, but cable size 2.5 sq mm.                      | m    | 3.49           |
| 86   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ0.6/1KV, but cable size 4 - 6 sq mm.                    | m    | 4.68           |
| 87   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ0.6/1KV, but cable size 10 sq mm.                       | m    | 5.95           |
| 88   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ0.6/1KV, but cable size 16 sq mm.                       | m    | 7.99           |
| 89   | Supply and lay 20 core, 0.5mm2, metallic sheathed multi core cables.                                  | m    | 30.6           |
| 90   | Supply and lay 10 pair telephone cables.                                                              | m    | 5.1            |
| 91   | FR-XLPEILSZH cable to IEC 331 IEC332 SS299 CWZ 0.6/1KV, but cable size 185 - 300 mm2.                 | m    | 40.8           |
| 92   | Supply and lay RG 6 cable, SCV cable.                                                                 | m    | 4.08           |
| 93   | 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. | m    | 4.08           |

| 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 21 metre spacing) 300mm x 150mm. 22 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 23 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 24 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 25 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 26 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 27 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 28 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 29 gauges steel trunking c/w removable cover and bracket | S/No | Description                                                             | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------|------|----------------|
| 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 30mm x 25mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 50mm x 25mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 50mm x 50mm. 210 18 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 100mm x 50mm. 2110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 100mm x 50mm. 2121 18 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 100mm x 75mm. 2131 18 gauges steel trunking c/w removable cover and bracket (not exceeding 2 metre spacing) 150mm x 75mm. 2140 18 gauges steel trunking c/w removable cover and bracket (not ex | 94   | 20 gauges steel trunking c/w removable cover and bracket (not exceeding | m    | 5.02           |
| 1 metre spacing) 75mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 100 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 112 18 gauges steel |      | 1 metre spacing) 50mm x 50mm.                                           |      |                |
| 96 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 97 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 98 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 99 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 114 18 gauges  | 95   |                                                                         | m    | 5.95           |
| 1 metre spacing) 100mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 114 18 ga |      |                                                                         |      |                |
| 97 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 98 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 99 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 114 18 gaug | 96   |                                                                         | m    | 7.31           |
| 1 metre spacing) 100mm x 75mm. 98 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 99 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre sp |      |                                                                         |      |                |
| 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  99 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  115 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking | 97   |                                                                         | m    | 8.93           |
| 1 metre spacing) 150mm x 50mm. 1 metre spacing) 150mm x 75mm. 100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 175mm. 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 150mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 114 18 gauges steel trunking c/w removable cover and  |      |                                                                         |      |                |
| 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 10mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  115 10 supply labour and materials including fixing, making good of the concrete work and PVC trunkin | 98   |                                                                         | m    | 9.18           |
| 1 metre spacing) 150mm x 75mm.  100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm.  116 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm.  117 18 gauges steel trunking c/w removable cover and bracket (n |      | . •                                                                     |      |                |
| 100 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 116 19 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm. 117 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm. | 99   |                                                                         | m    | 9.86           |
| 1 metre spacing) 150mm x 100mm.  101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm.  102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 150mm.  115 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 17 osupply labour and materials including fixing, making good of the concrete work and process of trunking 50mm x 25mm.  117 17 osupply labour and materials including fixing, making good of the concrete work and process of trunking 50mm x 15mm.  118 17 17 18 18 18 18 18 |      |                                                                         |      |                |
| 101 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 100mm. 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 115 10 10 10 10 10 10 10 10 10 10 10 10 10                                                                                                                                                                                                                                                                                                                                                                                                              | 100  |                                                                         | m    | 11.39          |
| 1 metre spacing) 200mm x 100mm.  102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 170mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  117 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.                                                                                                                                                       | 101  |                                                                         |      | 42.07          |
| 102 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 115 10 supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 12mm. 116 17 osupply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm. 117 10 supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm. 118 119 10 supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm.                                                                                                                                                                                  | 101  |                                                                         | m    | 12.07          |
| 1 metre spacing) 250mm x 150mm. 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 115 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm. 116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm. 117 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.                                                                                                                                                                                                                                                                                                                                                                                                   | 102  |                                                                         | m    | 12.6           |
| 103 20 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm.  105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  117 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.                                                                                                                                                                                                                                                                                                    | 102  |                                                                         | 111  | 15.0           |
| 1 metre spacing) 300mm x 150mm.  104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 103  | . •                                                                     | m    | 1/1 27         |
| 104 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 25mm. 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm. 106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm. 107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm. 108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm. 109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm. 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm. 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm. 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm. 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm. 115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm. 116 17 To supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm. 117 To supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm. 118 To supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm. 119 To supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm. 110 To supply labour and materials including fixing, making good of the 1 concrete work and PVC trunking 50mm x 25mm.                                                                                                                                                                          | 103  |                                                                         |      | 14.57          |
| 1 metre spacing) 50mm x 25mm.  18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  118 119 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  119 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  110 10 supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.                                                                                                                                                                                                                                           | 104  |                                                                         | m    | 4 76           |
| 105 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 50mm x 50mm.  106 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  116 17 osupply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  117 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                         |      | 1.70           |
| 1 metre spacing) 50mm x 50mm.  18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 75mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  116 To supply labour and materials including fixing, making good of the 2.38 concrete work and PVC trunking 50mm x 12mm.  117 To supply labour and materials including fixing, making good of the m 2.72 concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 105  |                                                                         | m    | 5.95           |
| 1 metre spacing) 75mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  116 To supply labour and materials including fixing, making good of the 2.38 concrete work and PVC trunking 50mm x 12mm.  117 To supply labour and materials including fixing, making good of the m 2.72 concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                         |      | 3.33           |
| 1 metre spacing) 75mm x 50mm.  107 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 50mm.  108 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 100mm x 75mm.  109 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  115 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  116 To supply labour and materials including fixing, making good of the 2.38 concrete work and PVC trunking 50mm x 12mm.  117 To supply labour and materials including fixing, making good of the m 2.72 concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106  |                                                                         | m    | 7.23           |
| 1 metre spacing) 100mm x 50mm.  108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                         |      |                |
| 108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 107  | 18 gauges steel trunking c/w removable cover and bracket (not exceeding | m    | 8.08           |
| 1 metre spacing) 100mm x 75mm.  109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | 1 metre spacing) 100mm x 50mm.                                          |      |                |
| 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 108  |                                                                         | m    | 10.12          |
| 1 metre spacing) 150mm x 50mm.  110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the maximum 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                         |      |                |
| 110 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 75mm.  111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the making good of the 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 109  |                                                                         | m    | 10.63          |
| 1 metre spacing) 150mm x 75mm.  111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                         |      |                |
| 111 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 150mm x 100mm.  112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 110  |                                                                         | m    | 11.48          |
| 1 metre spacing) 150mm x 100mm.  112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | . •                                                                     |      |                |
| 112 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 200mm x 100mm.  113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 111  |                                                                         | m    | 12.92          |
| 1 metre spacing) 200mm x 100mm.  113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112  | . •,                                                                    |      | 12.6           |
| 113 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 250mm x 150mm.  114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 112  |                                                                         | m    | 13.6           |
| 1 metre spacing) 250mm x 150mm.  114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112  |                                                                         | m    | 15 12          |
| 114 18 gauges steel trunking c/w removable cover and bracket (not exceeding 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 113  |                                                                         | 111  | 15.15          |
| 1 metre spacing) 300mm x 150mm.  115 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  116 To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 114  |                                                                         | m    | 15 81          |
| To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 12mm.  To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                                         |      | 15.01          |
| concrete work and PVC trunking 50mm x 12mm.  To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 115  |                                                                         | m    | 2.38           |
| To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 25mm.  To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                         |      |                |
| concrete work and PVC trunking 50mm x 25mm.  117 To supply labour and materials including fixing, making good of the m 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 116  | _                                                                       | m    | 2.72           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                         |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 117  | To supply labour and materials including fixing, making good of the     | m    | 3.4            |
| concrete work and i ve tranking 55mm x 14mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | concrete work and PVC trunking 59mm x 14mm.                             |      |                |
| To supply labour and materials including fixing, making good of the m 1.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 118  |                                                                         | m    | 1.36           |
| concrete work and PVC trunking 20mm x 12mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | concrete work and PVC trunking 20mm x 12mm.                             |      |                |

| S/No | Description                                                                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------|------|----------------|
| 119  | To supply labour and materials including fixing, making good of the                                             | m    | 1.7            |
| 120  | concrete work and PVC trunking 32mm x 12mm.                                                                     |      | 2.04           |
| 120  | To supply labour and materials including fixing, making good of the concrete work and PVC trunking 38mm x 12mm. | m    | 2.04           |
| 121  | Galvanised steel conduit c/w saddles run on surface 20mm.                                                       | m    | 2.55           |
|      | carramsed steel conduct of w saddles run on surrace zonnin                                                      |      | 2.55           |
| 122  | Galvanised steel conduit c/w saddles run on surface 25mm.                                                       | m    | 3.4            |
|      |                                                                                                                 |      |                |
| 123  | Galvanised steel conduit c/w saddles run on surface 32mm.                                                       | m    | 4.42           |
| 124  | Galvanised steel conduit c/w saddles run on surface 40mm.                                                       | m    | 5.19           |
| 124  | Galvanised Steel Conduit C/ w Saddles Fun on Surface 4011111.                                                   | m    | 5.19           |
| 125  | Galvanised steel conduit c/w saddles run on surface 50mm.                                                       | m    | 6.38           |
|      |                                                                                                                 |      |                |
| 126  | Galvanised steel conduit c/w saddles run in wall/in floor 20mm.                                                 | m    | 3.23           |
| 127  | Columnicated steel conduits (v. coddles music verill/in floor 35 mms                                            |      | 4.00           |
| 127  | Galvanised steel conduit c/w saddles run in wall/in floor 25mm.                                                 | m    | 4.08           |
| 128  | Galvanised steel conduit c/w saddles run in wall/in floor 32mm.                                                 | m    | 5.27           |
|      |                                                                                                                 |      |                |
| 129  | Galvanised steel conduit c/w saddles run in wall/in floor 40mm.                                                 | m    | 6.29           |
| 120  |                                                                                                                 |      | 7.65           |
| 130  | Galvanised steel conduit c/w saddles run in wall/in floor 50mm.                                                 | m    | 7.65           |
| 131  | GI flexible conduit 20mm.                                                                                       | m    | 1.7            |
|      |                                                                                                                 |      |                |
| 132  | GI flexible conduit 25mm.                                                                                       | m    | 2.38           |
| 422  |                                                                                                                 |      | 1.00           |
| 133  | Brass terminated gland 20mm.                                                                                    | m    | 1.02           |
| 134  | Brass terminated gland 25mm.                                                                                    | m    | 1.28           |
|      |                                                                                                                 |      | 1.20           |
| 135  | Flexible PVC conduit 20mm.                                                                                      | m    | 1.53           |
| 426  | EL ILL DVG L I I DE                                                                                             |      |                |
| 136  | Flexible PVC conduit 25mm.                                                                                      | m    | 1.87           |
| 137  | PVC termination gland 20mm.                                                                                     | m    | 1.7            |
|      |                                                                                                                 |      | 217            |
| 138  | PVC termination gland 25mm.                                                                                     | m    | 2.13           |
| 400  |                                                                                                                 |      |                |
| 139  | 1.2mm thick perforated metal tray c/w brackets fixed on wall/floor slab 75mm.                                   | m    | 5.95           |
| 140  | 1.2mm thick perforated metal tray c/w brackets fixed on wall/floor slab                                         | m    | 6.8            |
|      | 100mm.                                                                                                          |      | 0.0            |
| 141  | 1.2mm thick perforated metal tray c/w brackets fixed on wall/floor slab                                         | m    | 9.18           |
|      | 150mm.                                                                                                          |      |                |
| 142  | 1.6mm thick perforated metal tray c/w brackets fixed on wall/floor slab 150mm.                                  | m    | 10.03          |
| 143  | 1.6mm thick perforated metal tray c/w brackets fixed on wall/floor slab                                         | m    | 12.41          |
| 5    | 200mm.                                                                                                          |      |                |
| •    | •                                                                                                               | •    | •              |

| S/No | Description                                                                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------|------|----------------|
| 144  | 1.6mm thick perforated metal tray c/w brackets fixed on wall/floor slab                                         | m    | 2.55           |
| 1.45 | 300mm.                                                                                                          |      | 22.07          |
| 145  | 1.6mm thick perforated metal tray c/w brackets fixed on wall/floor slab 375mm.                                  | m    | 23.97          |
| 146  | 1.6mm thick perforated metal tray c/w brackets fixed on wall/floor slab                                         | m    | 30.26          |
|      | 450mm.                                                                                                          |      | 30.20          |
| 147  | 1.6mm thick perforated metal tray c/w brackets fixed on wall/floor slab                                         | m    | 39.1           |
|      | 600mm.                                                                                                          |      |                |
| 148  | To supply labour and materials including fixing, making good of the concrete work and PVC trunking 50mm x 50mm. | m    | 3.4            |
| 149  | To supply labour and materials including fixing, making good of the                                             | m    | 4.08           |
| 1.3  | concrete work and PVC trunking 75mm x 50mm.                                                                     |      | 4.00           |
| 150  | To supply labour and materials including fixing, making good of the                                             | m    | 4.68           |
|      | concrete work and PVC trunking 75mm x 75mm.                                                                     |      |                |
| 151  | To supply labour and materials including fixing, making good of the                                             | m    | 5.1            |
| 152  | concrete work and PVC trunking 100mm x 50mm.  18mm diameter surface PVC conduit c/w saddles.                    | m    | 1.53           |
| 132  | Tomin diameter surface FVC conduit C/W saddles.                                                                 | 111  | 1.55           |
| 153  | 25mm diameter surface PVC conduit c/w saddles.                                                                  | m    | 2.38           |
|      |                                                                                                                 |      |                |
| 154  | 32mm diameter surface PVC conduit c/w saddles.                                                                  | m    | 2.89           |
| 155  | Supply and install DVC flevible conduit from 22mm to 40mm diameter                                              |      | 2.72           |
| 155  | Supply and install PVC flexible conduit from 32mm to 40mm diameter.                                             | m    | 2.72           |
| 156  | Supply and install PVC termination cable gland 38mm diameter.                                                   | no   | 2.55           |
|      |                                                                                                                 |      |                |
| 157  | 2mm thick epoxy coated cable ladder medium duty (knock- down type)                                              | m    | 59.5           |
| 158  | size: 150mm to 250mm.  2mm thick epoxy coated cable ladder medium duty (knock- down type)                       | m    | 62.75          |
| 136  | size: 300mm.                                                                                                    | m    | 63.75          |
| 159  | 2mm thick epoxy coated cable ladder medium duty (knock- down type)                                              | m    | 68             |
|      | size: 450mm.                                                                                                    |      |                |
| 160  | 2mm thick epoxy coated cable ladder medium duty (knock- down type)                                              | m    | 72.25          |
| 161  | size: 600mm.  2mm thick epoxy coated cable ladder medium duty (knock- down type)                                | m    | 76.5           |
| 101  | size: 750mm.                                                                                                    | 111  | 76.5           |
| 162  | 2mm thick epoxy coated cable ladder medium duty (knock- down type)                                              | m    | 80.75          |
|      | size: 900mm.                                                                                                    |      |                |
| 163  | Supply and install PVC glands termination for 10mm2 to 25mm2.                                                   | no   | 1.7            |
| 164  | Supply and install PVC glands termination for 35mm2 to 70mm2.                                                   | no   | 3.4            |
| 104  | Supply and install FVC gianus termination for Somme to Formine.                                                 | 110  | 5.4            |
| 165  | Supply and install PVC glands termination for 95mm2 to 150mm2.                                                  | no   | 5.1            |
|      |                                                                                                                 |      |                |
| 166  | Supply and install PVC glands termination for 240mm2 to 400mm2.                                                 | no   | 6.8            |
| 167  | Supply and install lightning earth electrode 3.6m x 16mm diameter                                               | no   |                |
| 10,  | copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl                                              | 110  | 170            |
|      | inspection box with heavy duty hinged cover, fibre glass base and riveted                                       |      | 1,0            |
|      | trifoliate labelling: LIGHTNING EARTH ELECTRODE DO NOT REMOVE.                                                  |      |                |

| 168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/No | Description                                                               | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------|------|----------------|
| 169   Supply and install 25mm x 3.25mm copper tape using purpose made copper or brass saddles on purpose made cement blocks at one metre intervals or vertical run for down conductors.   170   Supply and install brass test clamp c/w expansion bolt or ramset onto wall.   171   Supply and install square tape clamp for forming straight through, cross or tee joint in tape.   172   Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.   173   Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.   174   Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.   175   Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.   176   Supply and install 50mm UPVC conduit to enclose lightning down conductor.   177   Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.   186   Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.   187   Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic)   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   187   1   | 168  |                                                                           | no   | 12.75          |
| copper or brass saddles on purpose made cement blocks at one metre intervals or vertical run for down conductors.  170 Supply and install brass test clamp c/w expansion bolt or ramset onto wall.  171 Supply and install square tape clamp for forming straight through, cross or tee joint in tape.  172 Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.  173 Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175 Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tape.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA no AS Surge protective plug top.  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m dee |      |                                                                           |      |                |
| copper or brass saddles on purpose made cement blocks at one metre intervals or vertical run for down conductors.  170  Supply and install brass test clamp c/w expansion bolt or ramset onto wall.  171  Supply and install square tape clamp for forming straight through, cross or tee joint in tape.  172  Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.  173  Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174  Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175  Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176  Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177  Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178  Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179  Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180  13A surge protective plug top, impulse breakdown voltage, 75 KA current capacity (8/20 characteristics)  181  As above but for 15A surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage 4 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  180 Supply and install earth electrode 3.6m deep x 16mm diameter copper cl | 169  |                                                                           | m    | 6.38           |
| wall.  Supply and install square tape clamp for forming straight through, cross or tee joint in tape.  Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.  Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  181 As above but for 15A surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper old steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                        |      |                                                                           |      | 0.50           |
| wall.  Supply and install square tape clamp for forming straight through, cross or tee joint in tape.  Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.  Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapeas.  Supply and install 50mm UPVC conduit to enclose lightning down conductor.  Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  130 A surge protective plug top, impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  131 A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper old did steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                      | 170  | Supply and install brass test clamp c/w expansion bolt or ramset onto     | no   | 17             |
| or tee joint in tape.  Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.  173 Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175 Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                         |      |                                                                           |      |                |
| 172 Supply and install 25mm x 3.25mm aluminum tape using purpose made aluminum saddles on purpose made cement blocks at one metre intervals.  173 Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent including connecting up to interconnector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  175 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  176 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  177 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                              | 171  |                                                                           | no   | 5.95           |
| aluminum saddles on purpose made cement blocks at one metre intervals.  Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  181 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                                                          | 470  |                                                                           |      |                |
| intervals.  Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175 Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA no 42.5 current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper no clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                            | 1/2  |                                                                           | m    | 2.98           |
| 173 Supply and install aluminum finial 300mm-600mm x 16mm diameter solid aluminum c/w base plate as Fuse RA105 or equivalent including connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175 Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper no clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                                                                                                                       |      |                                                                           |      |                |
| connecting up to interconnecting aluminum tape.  174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175 Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 173  |                                                                           | no   | 0.5            |
| 174 Supply and install square tape clamp for forming straight through, cross or tee joint in aluminum tape as Fuse CT005 or equivalent.  175 Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                           |      | 8.5            |
| or tee joint in aluminum tape as Fuse CT005 or equivalent.  Supply and install bi-metallic connector for joining aluminum to copper tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  Supply and install SOMM UPVC conduit to enclose lightning down conductor.  Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  As above but for 15A surge protective plug top.  o 68  Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                           |      |                |
| tape as Fuse Type A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 174  |                                                                           | no   | 2.13           |
| tape as Fuse lype A CN910 or equivalent including connecting up copper/aluminum tapes.  176 Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 175  | Supply and install bi-metallic connector for joining aluminum to copper   | no   | 24             |
| Supply and install 50mm UPVC conduit to enclose lightning down conductor.  177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                           |      | 34             |
| conductor.  Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  As above but for 15A surge protective plug top.  no 68  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 176  |                                                                           |      | 2.4            |
| 177 Supply and replace existing lightning earth inspection box with angle steel reinforced chamber with 10mm thick steel checker plates.  178 Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1/6  |                                                                           | no   | 3.4            |
| reinforced chamber with 10mm thick steel checker plates.  Highly non-linear surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 177  |                                                                           | no   | 34             |
| or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) for DIN- rail mounting.  179 Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                           |      | •              |
| 179   Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180   13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181   As above but for 15A surge protective plug top. no 68  182   Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183   Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 178  |                                                                           | no   | 85             |
| Highly non-linear 3 phase surge protection of characteristic [a>30], as OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  180 13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                           |      | 85             |
| OBO V20C or equivalent, 0.8 KV impulse breakdown voltage, 75 KA current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 470  |                                                                           |      |                |
| current capacity (8/20 characteristic) with fault monitoring by audio and visual signalling.  13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1/9  |                                                                           | no   | 467.5          |
| visual signalling.  13A surge protective plug top, impulse breakdown voltage 0.6 KV, 2.5 KA current capacity (8/20 characteristics)  181 As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | · · · · · · · · · · · · · · · · · · ·                                     |      | 407.5          |
| current capacity (8/20 characteristics)  As above but for 15A surge protective plug top.  182 Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  183 Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                           |      |                |
| As above but for 15A surge protective plug top.  Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 180  |                                                                           | no   | 42.5           |
| Single phase surge protection module for DB board DIN rail mounting as SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 404  | , , , ,                                                                   |      |                |
| SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 181  | As above but for 15A surge protective plug top.                           | no   | 68             |
| SP-200-2D or equivalent, impulse breakdown voltage < 1KV, current capacity 20 KA (8/20 characteristics) with thermal fault indications as an integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 182  | Single phase surge protection module for DB board DIN rail mounting as    | no   |                |
| integral unit with Live, Neutral and Earth connections.  Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection  170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                           |      | 102            |
| Supply and install earth electrode 3.6m deep x 16mm diameter copper clad steel rod c/w brass or copper clamp and 20cm x 20cm Gl inspection 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                           |      |                |
| clad steel rod c/w brass or copper clamp and 20cm x 20cm GI inspection 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | _                                                                         |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 183  |                                                                           | no   | 470            |
| I hav with heavy duty hinged cover fibre glass hase and riveted trifoliate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | box with heavy duty hinged cover, fibre glass base and riveted trifoliate |      | 1/0            |
| labeling: SAFETY EARTH ELECTRODE DO NOT REMOVE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                           |      |                |
| 184 Supply and install earth electrode 16mm diameter x 5.4m deep diameter no                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 184  | _                                                                         | no   |                |
| copper clad steel rod c/w brass or copper clamp and 20cm x 20cm GI 204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                           |      | 204            |
| inspection box with heavy duty hinged cover, fibre glass base and riveted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                           |      |                |
| trifoliate labelling: SAFETY EARTH ELECTRODE DO NOT REMOVE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 465  | _                                                                         |      | 10.55          |
| Supply and lay 25mm x 3.20mm copper tap including the excavating in m 10.63 ground, backfilling, compacting, make good and returfing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 185  |                                                                           | m    | 10.63          |
| 186 Supply and lay earth clip sizes 19mm to 50mm. no 1.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 186  |                                                                           | no   | 1 28           |
| 1.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                           |      | 1.20           |

| S/No | Description                                                                                                                                   | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 187  | Earth pit of 2m depth c/w 1m x 1m x 3m copper plate, 5 Nos 16mm                                                                               | no   |                |
|      | diameter by 3.6m long copper earth electrodes connected to concrete                                                                           |      | 1360           |
|      | inspections pit as per Sketch F1. The work includes excavating in ground,                                                                     |      |                |
|      | backfilling, temporary shoring, competing, make good returfing.                                                                               |      |                |
| 188  | Supply labour, materials and install PUB approved RCCB 40A/0.03, 2 pole,                                                                      | no   | 42.5           |
| 400  | 240V including protective insulation cover to termination position.                                                                           |      |                |
| 189  | Supply labour, materials and install PUB approved RCCB 40A/0.01, 2 pole,                                                                      | no   | 51             |
| 100  | 240V including protective insulation cover to termination position.                                                                           | 20   |                |
| 190  | Supply labour, materials and install PUB approved RCCB 40A/0.03 to 0.3A sensitivity, 4 pole 415V including protective insulation cover to     | no   | 68             |
|      | termination position.                                                                                                                         |      |                |
| 191  | Supply labour, materials and install PUB approved RCCB 40A/0.5, 4 pole                                                                        | no   | 80.75          |
| 131  | 415V including protective insulation cover to termination position.                                                                           | 110  | 80.73          |
| 192  | Supply labour, materials and install PUB approved RCCB 63A/0.03, 2 pole                                                                       | no   | 76.5           |
|      | 240V including protective insulation cover to termination position.                                                                           |      | 70.5           |
| 193  | Supply labour, materials and install PUB approved RCCB 63A/0.1, 2 pole                                                                        | no   | 76.5           |
|      | 240V including protective insulation cover to termination position.                                                                           |      | 7 0.0          |
| 194  | Supply labour, materials and install PUB approved RCCB 63A/0.03 - 0.3, 4                                                                      | no   | 93.5           |
|      | pole 415V including protective insulation cover to termination position.                                                                      |      |                |
| 195  | Supply labour, materials and install PUB approved RCCB 63A/0.5 4 pole,                                                                        | no   | 127.5          |
|      | 415V including protective insulation cover to termination position.                                                                           |      |                |
| 196  | Supply labour, materials and install PUB approved RCCB 100A/0.03 - 0.5,                                                                       | no   | 170            |
|      | 4 pole, 415V including protective insulation cover to termination position.                                                                   |      |                |
| 197  | Combined RCCB/MCB in-one as follows: RCCB - 30 mA 0.1 sec trip 30A                                                                            | no   | 102            |
| 400  | MCB - 5-30A (Type B - D) M6 duty.                                                                                                             |      |                |
| 198  | Earth pit of 2m depth c/w 1m x 1m x 3m copper plate, 5 Nos 16mm                                                                               | no   | 50.5           |
|      | diameter by 3.6m long copper earth electrodes connected to concrete inspections pit as per Sketch F1. The work includes excavating in ground, |      | 59.5           |
|      | backfilling, temporary shoring, competing, make good returfing.                                                                               |      |                |
| 199  | Supply labour, materials and install PUB approved RCCB 40A/0.03, 2 pole,                                                                      | no   | 122.4          |
| 133  | 240V including protective insulation cover to termination position.                                                                           | 110  | 122.7          |
| 200  | Supply labour, materials and install PUB approved RCCB 40A/0.01, 2 pole,                                                                      | no   | 163.2          |
|      | 240V including protective insulation cover to termination position.                                                                           |      |                |
| 201  | Supply labour, materials and install PUB approved RCCB 40A/0.03 to 0.3A                                                                       | no   | 102.0          |
|      | sensitivity, 4 pole 415V including protective insulation cover to                                                                             |      | 193.8          |
|      | termination position.                                                                                                                         |      |                |
| 202  | Supply labour, materials and install PUB approved RCCB 40A/0.5, 4 pole                                                                        | no   | 357            |
|      | 415V including protective insulation cover to termination position.                                                                           |      |                |
| 203  | Supply labour, materials and install PUB approved RCCB 63A/0.03, 2 pole                                                                       | no   | 530.4          |
| 204  | 240V including protective insulation cover to termination position.  Supply labour, materials and install PUB approved RCCB 63A/0.1, 2 pole   | 20   | F.C.1          |
| 204  | 240V including protective insulation cover to termination position.                                                                           | no   | 561            |
| 205  | Supply labour, materials and install PUB approved RCCB 63A/0.03 - 0.3, 4                                                                      | no   | 714            |
| 203  | pole 415V including protective insulation cover to termination position.                                                                      | 110  | 7 1 4          |
| 206  | Supply labour, materials and install PUB approved RCCB 63A/0.5 4 pole,                                                                        | no   | 1020           |
|      | 415V including protective insulation cover to termination position.                                                                           |      |                |
| 207  | Supply labour, materials and install PUB approved RCCB 100A/0.03 - 0.5,                                                                       | no   | 1336.2         |
|      | 4 pole, 415V including protective insulation cover to termination position.                                                                   |      |                |
| 208  | Supply labour, materials and install approved MCCB 20-40A 3 pole, 415V,                                                                       | no   | 183.6          |
|      | 50KA including protective insulation cover to termination position.                                                                           |      |                |

| S/No | Description                                                                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 209  | Supply labour, materials and install approved MCCB 45-60A 3 pole, 415V,                                                                        | no   | 234.6          |
|      | 50KA including protective insulation cover to termination position.                                                                            |      |                |
| 210  | Supply labour, materials and install approved MCCB 100-125A 3 pole,                                                                            | no   | 289            |
|      | 415V, 50KA including protective insulation cover to termination position.                                                                      |      |                |
| 211  | Supply labour, materials and install approved MCCB 150-160A 3 pole,                                                                            | no   | 459            |
| 242  | 415V, 50KA including protective insulation cover to termination position.                                                                      |      | 660            |
| 212  | Supply labour, materials and install approved MCCB 200-225A 3 pole,                                                                            | no   | 663            |
| 213  | 415V, 50KA including protective insulation cover to termination position.  Supply labour, materials and install approved MCCB 250-300A 3 pole, | no   | FOF            |
| 213  | 415V, 50KA including protective insulation cover to termination position.                                                                      | no   | 595            |
| 214  | Supply labour, materials and install approved MCCB 400 amps, 3 pole,                                                                           | no   | 850            |
| 214  | 415V, 50KA including protective insulation cover to termination position.                                                                      | 110  | 830            |
| 215  | Supply labour, materials and install approved MCCB 500 amps, 3 pole,                                                                           | no   | 1224           |
|      | 415V, 50KA including protective insulation cover to termination position.                                                                      |      |                |
| 216  | Supply labour, materials and install approved MCCB 600 amps, 3 pole,                                                                           | no   | 1550.4         |
|      | 415V, 50KA including protective insulation cover to termination position.                                                                      |      |                |
| 217  | Supply labour, materials and install approved MCCB 800 amps, 3 pole,                                                                           | no   | 2050.2         |
|      | 415V, 50KA including protective insulation cover to termination position.                                                                      |      |                |
| 218  | Supply labour, materials and install approved MCCB 1000 amps, 3 pole,                                                                          | no   | 3060           |
|      | 415V, 50KA including protective insulation cover to termination position.                                                                      |      |                |
| 219  | Supply and install/replace 20A TO 60A DP MCCB in existing panel inclusive                                                                      | no   | 76.5           |
|      | of termination and connection works.                                                                                                           |      |                |
| 220  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA                                                                       | job  |                |
|      | breaking capacity, fixed or Draw out unit of rated current up to 800Amp,                                                                       |      | 5440           |
|      | c/w Micro logic control unit, auxillary contacts, top <(>&<)> commissioning, injection test and PE endorsement with report.                    |      |                |
| 221  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 65KA                                                                       | job  |                |
| 221  | breaking capacity, fixed or Draw out unit of rated current up to 125Amp,                                                                       | JOD  |                |
|      | c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom                                                                           |      | 6120           |
|      | horizontal connections, trip coil, all necessary materials, labour, test                                                                       |      |                |
|      | <(>&<)> commissioning, injection test and PE endorsement with report.                                                                          |      |                |
| 222  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA                                                                       | job  |                |
|      | breaking capacity, fixed or Draw out unit of rated current up to 1250Amp,                                                                      |      | 5950           |
|      | c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom                                                                           |      | 3930           |
|      | horizontal connections, trip coil, all necessary materials, labour, test                                                                       |      |                |
|      | <(>&<)> commissioning, injection test and PE endorsement with report.                                                                          |      |                |
| 223  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 65KA                                                                       | job  |                |
|      | breaking capacity, fixed or Draw out unit of rated current up to 1250Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom |      | 7055           |
|      | horizontal connections, trip coil, all necessary materials, labour, test                                                                       |      |                |
|      | <(>&<)> commissioning, injection test and PE endorsement with report.                                                                          |      |                |
| 224  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA                                                                       | job  |                |
|      | breaking capacity, fixed or Draw out unit of rated current up to 1600Amp,                                                                      | ,00  |                |
|      | c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom                                                                           |      | 6800           |
|      | horizontal connections, trip coil, all necessary materials, labour, test                                                                       |      |                |
|      | <(>&<)> commissioning, injection test and PE endorsement with report.                                                                          |      |                |
| 225  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 42KA                                                                       | job  |                |
|      | breaking capacity, fixed or Draw out unit of rated current up to 1600Amp,                                                                      |      | 8075           |
|      | c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom                                                                           |      | 3073           |
|      | horizontal connections, trip coil, all necessary materials, labour, test                                                                       |      |                |
|      | <(>&<)> commissioning, injection test and PE endorsement with report.                                                                          |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 226  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 2500Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 9266.7         |
| 227  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 2500Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 12202.6        |
| 228  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 3200Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 11350.05       |
| 229  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 3200Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 13600          |
| 230  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 4000Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 12750          |
| 231  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 4000Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 15300          |
| 232  | Supply, install and replace Low Voltage Air Circuit Breaker 3 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 5000Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 17850          |
| 233  | Supply, install and replace Low Voltage Air Circuit Breaker 4 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 5000Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report.                                                                             | job  | 22100          |
| 234  | Supply, install and replace Automatic Transfer Switch, 3 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 600Amp to 1600Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, electrical interlock mechanism, gear motor, control wirings and relay, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report. | job  | 14210.3        |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 235  | Supply, install and replace Automatic Transfer Switch, 4 pole, 65KA breaking capacity, fixed or Draw out unit of rated current up to 600Amp to 1600Amp, c/w Micro logic control unit, auxillary contacts, top <(>&<)> bottom horizontal connections, trip coil, electrical interlock mechanism, gear motor, control wirings and relay, all necessary materials, labour, test <(>&<)> commissioning, injection test and PE endorsement with report. | job  | 16575          |
| 236  | Supply and replace Merlin Gerlin Sepam 1000, 230V.                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 680            |
| 237  | Supply, deliver, replace and install ACB trip unit (Any brand, types, capacity and model).                                                                                                                                                                                                                                                                                                                                                         | no   | 3400           |
| 238  | Supply, deliver, replace and install ACB Mico logic processor unit (Any brand, types, capacity and model).                                                                                                                                                                                                                                                                                                                                         | no   | 4250           |
| 239  | Supply, deliver, replace and install ACB shunt trip coil.                                                                                                                                                                                                                                                                                                                                                                                          | no   | 127.5          |
| 240  | Supply, deliver, replace and install MCCB rotary lever (Any brand, types, capacity and model).                                                                                                                                                                                                                                                                                                                                                     | no   | 85             |
| 241  | Supply, deliver, replace and install stop, start push button / push button c/w pilot light.                                                                                                                                                                                                                                                                                                                                                        | no   | 8.5            |
| 242  | 4 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 59.5           |
| 243  | 8 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 76.5           |
| 244  | 12 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 102            |
| 245  | 16 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 136            |
| 246  | 18 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 153            |
| 247  | 20 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 161.5          |
| 248  | 24 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 187            |
| 249  | 28 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 212.5          |
| 250  | 30 ways, Type A Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 221            |
| 251  | 3 x 4 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 112.2          |
| 252  | 3 x 6 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 168.3          |
| 253  | 3 x 8 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 205.7          |
| 254  | 3 x 10 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 243.1          |
| 255  | 3 x 12 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 261.8          |
| 256  | 3 x 14 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 299.2          |
| 257  | 3 x 16 ways, Type B Distribution Board.                                                                                                                                                                                                                                                                                                                                                                                                            | no   | 336.6          |

| S/No | Description                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 258  | 3 x 18 ways, Type B Distribution Board.                                                                                             | no   | 374            |
| 259  | 3 x 24 ways, Type B Distribution Board.                                                                                             | no   | 430.1          |
| 260  | 3 x 4 ways, Type C/D Distribution Board.                                                                                            | no   | 183.6          |
| 261  | 3 x 6 ways, Type C/D Distribution Board.                                                                                            | no   | 275.4          |
| 262  | 3 x 8 ways, Type C/D Distribution Board.                                                                                            | no   | 336.6          |
| 263  | 3 x 10 ways, Type C/D Distribution Board.                                                                                           | no   | 397.8          |
| 264  | 3 x 12 ways, Type C/D Distribution Board.                                                                                           | no   | 428.4          |
| 265  | 3 x 14 ways, Type C/D Distribution Board.                                                                                           | no   | 489.6          |
| 266  | 3 x 16 ways, Type C/D Distribution Board.                                                                                           | no   | 550.8          |
| 267  | 3 x 18 ways, Type C/D Distribution Board.                                                                                           | no   | 612            |
| 268  | 3 x 24 ways, Type C/D Distribution Board.                                                                                           | no   | 703.8          |
| 269  | 45A TP MCB M6, 6KA duty.                                                                                                            | no   | 68             |
| 270  | 60A TP MCB M6, 6KA duty.                                                                                                            | no   | 85             |
| 271  | 40A - 100A, 500V c/w HRC Fuse or MCCB plug-in unit.                                                                                 | no   | 1147.5         |
| 272  | 125A - 200A, 500V c/w HRC Fuse or MCCB plug-in unit.                                                                                | no   | 2380           |
| 273  | 250A - 400A, 500V c/w HRC Fuse or MCCB plug-in unit.                                                                                | no   | 4080           |
| 274  | Supply and install 30A to 160A tap off unit for Telemecanique busbar type canals or equivalent c/w HRC fuses including connection.  | no   | 765            |
| 275  | Supply and install 200A to 315A tap off unit for Telemecanique busbar type canals or equivalent c/w HRC fuses including connection. | no   | 1700           |
| 276  | Kasuga or equivalent DTL Earth Fault relay c/w 105 deg C small wiring.                                                              | no   | 255            |
| 277  | Kasuga or equivalent DTL Over current relay for 3 phase c/w 105 deg C small wiring.                                                 | no   | 425            |
| 278  | GEC or equivalent IDMTL Earth Fault relay c/w 105 deg C small wiring.                                                               | no   | 765            |
| 279  | GEC or equivalent IDMTL Over Current relay for 3 phase c/w 105 deg C small wiring.                                                  | no   | 1700           |
| 280  | Indicator lights c/w low voltage (230/6.3V) transformer & cover, holder, bulb (1 unit = set of 3).                                  | no   | 38.25          |
| 281  | Fuse holders c/w 2A HRC cartridge fuses and wiring (1 unit = set of 3).                                                             | no   | 38.25          |
| 282  | Supply and install Class 1 Ammeter, size 96mm x 96mm flush mounted instantaneous type                                               | no   | 110.5          |

| S/No | Description                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 283  | Supply and install Class 1 Ammeter, size 96mm x 96mm flush mounted (8                                                                                          | no   | 127.5          |
| 284  | min) Maximum demand type.  Supply and install Class 1 Ammeter, size 96mm x 96mm flush mounted combined (8 min) Maximum demand and instantaneous type (2 dial). | no   | 212.5          |
| 285  | Supply and install Class 1, 500V Voltmeter size 96mm x 96mm flush mounted.                                                                                     | no   | 51             |
| 286  | 5P10 Up to 400A/5A Protection. Current transformer (CT).                                                                                                       | no   | 102            |
| 287  | 5P10 500A - 1000A/5A Protection CT.                                                                                                                            | no   | 153            |
| 288  | 5P10 1200A - 2500A/5A Protection CT.                                                                                                                           | no   | 195.5          |
| 289  | 5P5 Up to 400A/5A Protection CT.                                                                                                                               | no   | 85             |
| 290  | 5P5 500A - 1000A/5A Protection CT.                                                                                                                             | no   | 136            |
| 291  | 5P5 1200A - 2500A/5A Protection CT.                                                                                                                            | no   | 170            |
| 292  | Class 1 Up to 400A/5A Metering CT.                                                                                                                             | no   | 85             |
| 293  | Class 1 500A - 1000A/5A Metering CT.                                                                                                                           | no   | 127.5          |
| 294  | Class 1 1200A - 2500A/5A Metering CT.                                                                                                                          | no   | 170            |
| 295  | Supply and install neutral link up to 100 Amps.                                                                                                                | no   | 22.1           |
| 296  | Supply and install neutral link up to 100 Amp to 250 Amps.                                                                                                     | no   | 32.3           |
| 297  | Supply and install white plate.                                                                                                                                | no   | 4.25           |
| 298  | Supply and install copper busbar tinned 185mm2 area.                                                                                                           | m    | 21.25          |
| 299  | Supply and install copper busbar tinned 250mm2 area.                                                                                                           | m    | 25.5           |
| 300  | Supply and install 16A - 20A contactor 4 pole 230V.                                                                                                            | no   | 38.25          |
| 301  | Supply and install 32A - 45A contactor 4 pole 230V.                                                                                                            | no   | 68             |
| 302  | Supply and install 40A to 60A contactor 4 pole 230V.                                                                                                           | no   | 85             |
| 303  | Opening of hole on the spot 2" x 2".                                                                                                                           | no   | 12.33          |
| 304  | Opening of hole on the spot 3" x 2".                                                                                                                           | no   | 15.3           |
| 305  | Opening of hole on the spot 4" x 2".                                                                                                                           | no   | 18.28          |
| 306  | Opening of hole on the spot 4" x 3".                                                                                                                           | no   | 20.4           |
| 307  | Opening of hole on the spot 6" x 4".                                                                                                                           | no   | 25.5           |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 308  | Welding of bracket "on the spot" for MCCB, Kwh meter, earth fault relay,                                                                                                                                                                                                                                                                                                                  | no   | 30.6           |
| 309  | timer, contactor etc.  Cutting concrete floor for up to 2 conduit of any size including making good.                                                                                                                                                                                                                                                                                      | m    | 6.38           |
| 310  | 6 - 32A SP MCB. M9, 10 KA duty. Type B/C/D                                                                                                                                                                                                                                                                                                                                                | no   | 11.05          |
| 311  | 45A SP MCB. M9, 10KA duty. Type B/C/D                                                                                                                                                                                                                                                                                                                                                     | no   | 17             |
| 312  | 20A - 30A DP MCB M9, 10KA duty. Type B/C/D                                                                                                                                                                                                                                                                                                                                                | no   | 32.3           |
| 313  | 45A DP MCB M9, 10KA duty. Type B/C/D                                                                                                                                                                                                                                                                                                                                                      | no   | 42.5           |
| 314  | 60A DP MCB M9, 10KA duty Type B/C/D.                                                                                                                                                                                                                                                                                                                                                      | no   | 53.55          |
| 315  | 100A DP MCB, 15KA duty Type B/C/D.                                                                                                                                                                                                                                                                                                                                                        | no   | 76.5           |
| 316  | 60A TP MCB, 15KA duty Type B/C/D.                                                                                                                                                                                                                                                                                                                                                         | no   | 102            |
| 317  | 100A TP MCB, 15KA duty Type B/C/D.                                                                                                                                                                                                                                                                                                                                                        | no   | 140.25         |
| 318  | Supply and install voltmeter selector switch of 7-positions and rotary type.                                                                                                                                                                                                                                                                                                              | no   | 42.5           |
| 319  | Supply and install ammeter selector switch of up to 5- positions and rotary type.                                                                                                                                                                                                                                                                                                         | no   | 51             |
| 320  | Earth Leakage Relay (0.03 to 10 or 30 Amp and time, 0 to 5 sec) c/w display indicator.                                                                                                                                                                                                                                                                                                    | no   | 323            |
| 321  | Zero-phase current transformer with up to 100mm diameter hole for cables.                                                                                                                                                                                                                                                                                                                 | no   | 170            |
| 322  | MCB type neon indicating light fitting.                                                                                                                                                                                                                                                                                                                                                   | no   | 8.5            |
| 323  | Supply and install copper busbar tinned up to 312mm2 area.                                                                                                                                                                                                                                                                                                                                | no   | 29.75          |
| 324  | Supply and install copper busbar tinned up to 626mm2 area.                                                                                                                                                                                                                                                                                                                                | no   | 51             |
| 325  | Opening of hole on the spot 2 x 1.                                                                                                                                                                                                                                                                                                                                                        | no   | 10.2           |
| 326  | Supply and install 30A DP Isolator M6, 6KA duty.                                                                                                                                                                                                                                                                                                                                          | no   | 20.4           |
| 327  | 60A DP MCB M6, 6KA duty/63A SP Type C MCB, 10KA                                                                                                                                                                                                                                                                                                                                           | no   | 42.5           |
| 328  | Supply, install and replace 40Amp to 45Amp TPN MCB, M10 Type D, 10KA.                                                                                                                                                                                                                                                                                                                     | no   | 93.5           |
| 329  | Supply, install and replace 100Amp, 4 pole 230V, contactor.                                                                                                                                                                                                                                                                                                                               | no   | 187            |
| 330  | Supply, install and replace Lighting/Power Distribution board (DB) of 24ways, TP Type A/B c/w 40Amp TP Type C MCB, 3 nos of 40Amp 2pole 100mA sensitivity, 12nos of 10A SP 10 MCB, comb busbar including labour of joining of outgoing cable with cable links, rearranging of submain cables and termination of all incoming and outgoing cables, cable markers, simple line, name plate. | lot  | 850            |

| S/No | Description                                                                                                                                  | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 331  | Supply, install and replace Lighting Distribution board (DB) of 48ways, TP                                                                   | lot  |                |
|      | Type C/D c/w 40Amp TP Type C MCB, BI connectors, 3 nos of 40Amp                                                                              |      |                |
|      | 2pole 100mA sensitivity, 18nos of 10A SP M10 MCB, comb busbar                                                                                |      | 1139           |
|      | including labour of joining of outgoing cable with cable links, rearranging                                                                  |      |                |
|      | of sub- main cables and termination of all incoming and outgoing cables, cable markers, simple line, name plate.                             |      |                |
| 332  | Supply, install and replace Power Distribution board (DB) of 48ways, TP                                                                      | lot  |                |
| 332  | Type C/D c/w 40Amp TP Type C MCB, BI connectors, 12 nos of 40Amp                                                                             | 100  |                |
|      | 2pole 100mA sensitivity, 12nos of 10A SP M10 MCB, comb busbar                                                                                |      | 1615           |
|      | including labour of joining of outgoing cable with cable links, rearranging                                                                  |      |                |
|      | of sub-main cables and termination of all incoming and outgoing cables,                                                                      |      |                |
|      | cable markers, simple line, name plate.                                                                                                      |      |                |
| 333  | Supply, install and replace Lighting Distribution board (DB) of 48ways, TP                                                                   | lot  |                |
|      | Type C/D c/w 40Amp TP Type C MCB, BI connectors, 3 nos of 40Amp                                                                              |      |                |
|      | 2pole 100mA sensitivity, 18nos of 10A SP M10 MCB, comb busbar                                                                                |      | 1275           |
|      | including labour of joining of outgoing cable with cable links, rearranging                                                                  |      |                |
|      | of sub- main cables and termination of all incoming and outgoing cables, cable markers, simple line, name plate.                             |      |                |
| 334  | Supply, install and replace Power Distribution board (DB) of 54ways, TP                                                                      | lot  |                |
| 334  | Type C/D c/w 40Amp TP Type C MCB, BI connectors, 13 nos of 40Amp                                                                             | 100  |                |
|      | 2pole 100mA sensitivity, 13nos of 10A SP M10 MCB, comb busbar                                                                                |      | 1785           |
|      | including labour of joining of outgoing cable with cable links, rearranging                                                                  |      |                |
|      | of sub-main cables and termination of all incoming and outgoing cables,                                                                      |      |                |
|      | cable markers, simple line, name plate.                                                                                                      |      |                |
| 335  | Supply, install and replace Power Distribution board (DB) of 72ways, TP                                                                      | lot  |                |
|      | Type C/D c/w 63Amp TP Type C MCB, BI connectors, 18 nos of 63Amp                                                                             |      |                |
|      | 2pole 100mA sensitivity, 18nos of 16Amp - 32Amp SP M10 MCB, comb                                                                             |      | 2720           |
|      | busbar including labour of joining of outgoing cable with cable links, rearranging of sub-main cables and termination of all incoming and    |      |                |
|      | outgoing cables, cable markers, simple line, name plate.                                                                                     |      |                |
| 336  |                                                                                                                                              | lot  |                |
| 330  | Supply, install and replace Power Distribution board (DB) of 72ways, TP<br>Type C/D c/w 100Amp TP Type C MCB, BI connectors, 18 nos of 63Amp | 101  |                |
|      | 2pole 100mA sensitivity, 18nos of 16Amp - 32Amp SP M10 MCB, comb                                                                             |      | 2805           |
|      | busbar including labour of joining of outgoing cable with cable links,                                                                       |      | 2803           |
|      | rearranging of sub-main cables and termination of all incoming and                                                                           |      |                |
|      | outgoing cables, cable markers, simple line, name plate.                                                                                     |      |                |
| 337  | Supply, install and replace 20Amp to 32Amp TPN MCB, M10 Type B/C/D,                                                                          | no   | 76.5           |
|      | 10KA.                                                                                                                                        |      | 7 6.6          |
| 338  | Supply and install 12 way terminal block (any sizes) c/w reeling.                                                                            | no   | 21.25          |
|      |                                                                                                                                              |      |                |
| 339  | Supply and install temporary DB (up to 500A) c/w socket outlet assembly,                                                                     | no   |                |
|      | (up to 100 nos) 13A twin power points and complete power and final                                                                           |      | 850            |
|      | circuit cables (more than 100 m) to load side for 1 week inclusive of PH,                                                                    |      |                |
|      | Saturday and Sunday, night works.                                                                                                            |      |                |
| 340  | Supply and install 125 - 160A contactor, 4 pole, 230V coil.                                                                                  | no   | 425            |
| 244  | Country in tall 0 months on delever and time a 2201/ 0 20 cm/20                                                                              |      | CE 45          |
| 341  | Supply, install & replace on delay control timer, 230V, 0 - 30 sec/30 min/30 days c/w base.                                                  | no   | 65.45          |
| 342  | Supply, install and replace 3 way, 400V, 200A-800A, 4 pole manual                                                                            | no   | 841.5          |
| 342  | transfer switch c/w modification.                                                                                                            | no   | 041.3          |
| 343  | Supply and install GS spotlight fitting c/w 150/200 watt lamp.                                                                               | no   | 63.75          |
| 0.0  |                                                                                                                                              |      | 33.73          |
| l    | ı                                                                                                                                            | 1    | ı              |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 344  | High bay fitting with rugged, heavy duty die cast aluminum housing and either upright or direct high purity heavy gauge aluminum reflector c/w 400W metal halide lamp, control gear and mounting arm, chain and dust cover.                                                                                                                                                 | no   | 480.25         |
| 345  | High bay fitting with rugged, heavy duty die cast aluminum housing and either upright or direct high purity heavy gauge aluminum reflector c/w 250W metal halide lamp, control gear and mounting arm, chain and dust cover.                                                                                                                                                 | no   | 425            |
| 346  | Wall mounted fitting with prismatic polycarbonate refractor and one piece injection moulded bronze polycarbonate housing (interior surface is vacuum metallized aluminium for maximum reflectivity). All weather gasket is provided and using vandal resistant screw to retain refractor & protect lamp c/w 70W high pressure sodium or metal halide lamp and control gear. | no   | 297.5          |
| 347  | Floodlight fitting c/w 250W tubular HPSV or metal halide lamp and control gear.                                                                                                                                                                                                                                                                                             | no   | 467.5          |
| 348  | Floodlight fitting c/w 400W tubular HPSV or metal halide lamp and control gear.                                                                                                                                                                                                                                                                                             | no   | 539.75         |
| 349  | Batten Fluorescent Luminaries 1x14W , 625mm in length c/w tubes.                                                                                                                                                                                                                                                                                                            | no   | 21.25          |
| 350  | Batten Fluorescent Luminaries 1x28W , 1235mm in length c/w tubes.                                                                                                                                                                                                                                                                                                           | no   | 25.5           |
| 351  | Batten Fluorescent Luminaries 2x28W , 1235mm in length c/w tubes.                                                                                                                                                                                                                                                                                                           | no   | 35.7           |
| 352  | Batten Fluorescent Luminaries 1x54W , 1540mm in length c/w tubes.                                                                                                                                                                                                                                                                                                           | no   | 34             |
| 353  | Batten Fluorescent Luminaries with Metal Reflector 1x28W , 1235mm in length c/w tubes.                                                                                                                                                                                                                                                                                      | no   | 30.6           |
| 354  | Batten Fluorescent Luminaries with Metal Reflector 2x28W , 1235mm in length c/w tubes.                                                                                                                                                                                                                                                                                      | no   | 40.8           |
| 355  | Batten Fluorescent Luminaries for wall or surface mounting with Angle Reflector, Open End Blackboard Type 1x28W, 1235mm in length c/w tubes.                                                                                                                                                                                                                                | no   | 27.2           |
| 356  | Batten Fluorescent Luminaries for wall or surface mounting with Angle Reflector, Open End Blackboard Type 1x54W, 1540mm in length c/w tubes.                                                                                                                                                                                                                                | no   | 37.4           |
| 357  | Batten Fluorescent Luminaries with Wire-Guard and Hinge Lockable Type 1x14W, 625mm in length c/w tube.                                                                                                                                                                                                                                                                      | no   | 25.5           |
| 358  | Batten Fluorescent Luminaries with Wire-Guard and Hinge Lockable Type 1x28W, 1235mm in length c/w tube.                                                                                                                                                                                                                                                                     | no   | 29.75          |
| 359  | Weather-proof Fluorescent Luminaries with IP 55 Protection 1 x 28W, 1267mm in length c/w tube.                                                                                                                                                                                                                                                                              | no   | 71.4           |
| 360  | Weather-proof Fluorescent Luminaries with IP 55 Protection 2 x 28W, 1267mm in length c/w tube.                                                                                                                                                                                                                                                                              | no   | 93.5           |
| 361  | Recessed Mounting for suspended ceiling board type with hinged aluminium frame and prismatic acrylic diffuser for bat-wing light distribution 2x14W, 625mm in length c/w tubes and electronic ballast.                                                                                                                                                                      | no   | 165.75         |
| 362  | Recessed Mounting for suspended ceiling board type with hinged aluminium frame and prismatic acrylic diffuser for bat-wing light distribution 3x14W, 625mm in length c/w tubes and electronic ballast.                                                                                                                                                                      | no   | 229.5          |

| S/No | Description                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 363  | Recessed Mounting for suspended ceiling board type with hinged                                                                   | no   | 178.5          |
|      | aluminium frame and prismatic acrylic diffuser for bat-wing light                                                                |      | 176.5          |
|      | distribution 2x28W , 1245mm in length c/w tubes and electronic ballast.                                                          |      |                |
| 364  | Recessed Mounting for suspended ceiling board type with hinged                                                                   | no   | 229.5          |
|      | aluminium frame and prismatic acrylic diffuser for bat-wing light                                                                |      | 223.3          |
| 265  | distribution 3x28W , 1245mm in length c/w tubes and electronic ballast.                                                          |      |                |
| 365  | Recessed Mounting for suspended ceiling board type with hinged                                                                   | no   | 255            |
|      | aluminium frame and prismatic acrylic diffuser for bat-wing light                                                                |      |                |
| 366  | distribution 4x28W, 1245mm in length c/w tubes and electronic ballast.                                                           |      | 7.65           |
| 300  | Down rods not exceeding 2x1m including conduit boxes and cover.                                                                  | m    | 7.65           |
| 367  | Additional length of down rods (for fluorescent fitting)                                                                         | m    | 3.06           |
| 307  | Additional length of down rous (for hidorescent fitting)                                                                         |      | 3.00           |
| 368  | Surface Mounting Fluorescent Luminaries with Prismatic acrylic diffuser                                                          | no   | 34             |
|      | and 2 white metal end caps for 1x14W, 625mm in length c/w tube.                                                                  |      | 54             |
| 369  | Surface Mounting Fluorescent Luminaries with Prismatic acrylic diffuser                                                          | no   | 44.2           |
|      | and 2 white metal end caps for 2x14W, 625mm in length c/w tube.                                                                  |      |                |
| 370  | Surface Mounting Fluorescent Luminaries with Prismatic acrylic diffuser                                                          | no   | 51             |
|      | and 2 white metal end caps for 1x28W, 1235mm in length c/w tube.                                                                 |      |                |
| 371  | Surface Mounting Fluorescent Luminaries with Prismatic acrylic diffuser                                                          | no   | 63.75          |
|      | and 2 white metal end caps for 2x28W, 1235mm in length c/w tube.                                                                 |      |                |
| 372  | Surface Mounting, Fluorescent Luminaries Prismatic acrylic diffuser with                                                         | no   | 102            |
|      | hinged cover for 2x14W, 1235mm in length c/w tubes & electronic                                                                  |      | 102            |
|      | ballasts.                                                                                                                        |      |                |
| 373  | Surface Mounting, Fluorescent Luminaries Prismatic acrylic diffuser with                                                         | no   | 127.5          |
| 374  | hinged cover for 3x14W c/w tubes & electronic ballasts.                                                                          | no   | 170            |
| 374  | Surface Mounting, Fluorescent Luminaries Prismatic acrylic diffuser with hinged cover for 2x28W c/w tubes & electronic ballasts. | no   | 170            |
| 375  | Surface Mounting, Fluorescent Luminaries Prismatic acrylic diffuser with                                                         | no   | 233.75         |
| 373  | hinged cover for 4x28W c/w tubes & electronic ballasts.                                                                          | "    | 233.73         |
| 376  | Surface Mounting, Fluorescent Luminaries with 5-sided wrap-around                                                                | no   |                |
|      | prismatic acrylic diffuser with hinged cover for 1x14W, 625mm in length                                                          |      | 42.5           |
|      | c/w tubes.                                                                                                                       |      |                |
| 377  | Surface Mounting, Fluorescent Luminaries with 5-sided wrap-around                                                                | no   | 55.25          |
|      | prismatic acrylic diffuser with hinged cover for 2x14W, 625mm in length                                                          |      | 33.23          |
|      | c/w tubes.                                                                                                                       |      |                |
| 378  | Surface Mounting, Fluorescent Luminaries with 5-sided wrap-around                                                                | no   | 57.8           |
|      | prismatic acrylic diffuser with hinged cover for 1x28W, 1235mm in length c/w tubes.                                              |      |                |
| 379  | Surface Mounting, Fluorescent Luminaries with 5-sided wrap-around                                                                | no   |                |
| 3,3  | prismatic acrylic diffuser with hinged cover for 2x28W , 1235mm in length                                                        | "    | 74.8           |
|      | c/w tubes.                                                                                                                       |      |                |
| 380  | Reed diffuser fitting with 2 white metal end caps for 1x14W, 625mm in                                                            | no   | 34             |
|      | length c/w tube.                                                                                                                 |      |                |
| 381  | Reed diffuser fitting with 2 white metal end caps for 2x14W, 625mm in                                                            | no   | 44.2           |
|      | length c/w tube.                                                                                                                 |      |                |
| 382  | Reed diffuser fitting with 2 white metal end caps for 1x28W, 625mm in                                                            | no   | 51             |
|      | length c/w tube.                                                                                                                 |      | :              |
| 383  | Reed diffuser fitting with 2 white metal end caps for 2x28W, 625mm in                                                            | no   | 63.75          |
| I    | length c/w tube.                                                                                                                 |      |                |

| S/No       | Description                                                                                               | Unit | Unit Cost (\$) |
|------------|-----------------------------------------------------------------------------------------------------------|------|----------------|
| 384        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 170            |
|            | diffuser 2x14W, (300mm x 625mm) c/w tubes and 2 Electronic Ballasts.                                      |      |                |
| 385        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 178.5          |
|            | diffuser 2x14W, (625mm x 625mm) c/w tubes and 2 Electronic Ballasts.                                      |      |                |
| 386        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 204            |
|            | diffuser 2x28W, (300mm x1245mm) c/w tubes and 2 Electronic Ballasts.                                      |      |                |
| 387        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 255            |
|            | diffuser 3x28W, (600mm x1245mm) c/w tubes and 3 Electronic Ballasts.                                      |      |                |
| 388        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 272            |
|            | diffuser 4x28W, (600mm x1245mm) c/w tubes and 4 Electronic Ballasts.                                      |      |                |
| 389        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 255            |
|            | diffuser 4x14W, (625mm x625mm) c/w tubes and 4 Electronic Ballasts.                                       |      |                |
| 390        | Recessed mounting for suspended ceiling board type, M2 mirror optic                                       | no   | 229.5          |
|            | diffuser 3x14W, (625mm x625mm) c/w tubes and 3 Electronic Ballasts.                                       |      |                |
| 391        | 1x8W LED exit light (single/double faceplate with/without arrow)                                          | no   | 208.25         |
| 202        | Not in use                                                                                                |      |                |
| 392<br>393 | Not in use                                                                                                |      |                |
| 393        | Not in use                                                                                                |      |                |
| 395        | Not in use                                                                                                |      |                |
| 396        | Non-maintained rectangular box design "Mains-fail" emergency lighting                                     | no   |                |
| 350        | luminaries c/w minimum 2 hours duration Ni-Cd batteries, LED Indicating                                   | 110  | 136            |
|            | Light and test button and 1 x 8W fluorescent tube and opal diffuser.                                      |      |                |
| 397        | Strip ceiling (corridor) fluorescent light fitting, Philips TB285 c/w 2 x 28W                             | no   | 187            |
| 337        | tubes & 2 electronic ballasts.                                                                            | 110  | 187            |
| 398        | Security luminaries with integral control gear supplied with 2 x 13W PLC                                  | no   | 76.5           |
| 330        | lamps.                                                                                                    |      | 70.5           |
| 399        | Security luminaries with 1 x HPL80W mercury lamp.                                                         | no   | 153            |
|            |                                                                                                           |      |                |
| 400        | HF electronics ballast 1 x 13W - 42W PLC luminaries inclusive of                                          | no   | 34             |
|            | replacement.                                                                                              |      |                |
| 401        | Weatherproof Fluorescent Luminaries with IP55 protection, 667mm in                                        | no   | 54.4           |
|            | length c/w tube 1 x 14W.                                                                                  |      |                |
| 402        | Weatherproof Fluorescent Luminaries with IP55 protection, 667mm in                                        | no   | 71.4           |
|            | length c/w tube 2 x 14W.                                                                                  |      |                |
| 403        | Surface mounting, fluorescent Luminaries Prismatic acrylic diffuser with                                  | no   | 204            |
|            | hinged cover for 3 x 28W c/w tubes & electronic ballasts.                                                 |      |                |
| 404        | Surface mounting, fluorescent luminaries with M2 mirror optic diffuser                                    | no   | 178.5          |
|            | c/w 2 x 14W tubes & 2 electronic ballasts.                                                                |      |                |
| 405        | Surface mounting, fluorescent luminaries with M2 mirror optic diffuser                                    | no   | 233.75         |
|            | c/w 3 x 14W tubes & 3 electronic ballasts.                                                                |      |                |
| 406        | Surface mounting, fluorescent luminaries with M2 mirror optic diffuser                                    | no   | 195.5          |
| 407        | c/w 2 x 28W tubes & 2 electronic ballasts.                                                                |      | 252 5          |
| 407        | Surface mounting, fluorescent luminaries with M2 mirror optic diffuser                                    | no   | 263.5          |
| 400        | c/w 3 x 28W tubes & 3 electronic ballasts.                                                                |      |                |
| 408        | Supply and install 190mm-220mm diameter 1 x 36W - 18W PLC down                                            | no   | 131.75         |
|            | light luminaries c/w aluminium mounting ring white, silver anodized aluminium reflector and control gear. |      |                |
| 400        |                                                                                                           | ~~   | 157.25         |
| 409        | Similar as above PLC down light luminaries of 2 x 13W PLC lamps.                                          | no   | 157.25         |
| ļ          |                                                                                                           | 1    |                |

| S/No | Description                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 410  | Similar as above PLC down light luminaries of 2 x 26W PLC lamps.                                                                                                      | no   | 170            |
|      |                                                                                                                                                                       |      |                |
| 411  | Similar as above PLC down light luminaries of 1 x 11W - 18W PLC lamp                                                                                                  | no   | 323            |
| 412  | and self-contained batter power pack of 2 hours duration.                                                                                                             | 20   | F.4            |
| 412  | Supply and install 50W, 12 Volts halogen recessed down light luminaries c/w 230/12V step-down transformer.                                                            | no   | 51             |
| 413  | Supply and install (or retrofit into any fitting) including wiring and                                                                                                | no   |                |
| 413  | connecting up ready to function the power pack suitable for 8W tube c/w minimum 2 hours duration with Ni-cd batteries, LED indicating lights, test discharge buttons. | 110  | 93.5           |
| 414  | Similar complete set of power pack as above for 14 - 28W fluorescent fitting.                                                                                         | no   | 119            |
| 415  | Chargeable batteries for 8W exit light to light up for 2 hours.                                                                                                       | no   | 17             |
| 416  | Chargeable batteries for 14 - 28W or 20W - 40W fluorescent tubes to light up tube for 2 hours.                                                                        | no   | 34             |
| 417  | Not in use                                                                                                                                                            | 20   | 110            |
| 418  | Emergency LED light fitting of twin lamp similar to type UFO or equivalent.                                                                                           | no   | 119            |
| 419  | Floodlight fitting c/w 70W-175W tubular discharge lamp and control gear.                                                                                              | no   | 212.5          |
|      |                                                                                                                                                                       |      | 212.0          |
| 420  | 600mm x 1245mm recessed fluorescent fitting c/w 2 x 28w tri-phosphor lamps, 2 x Dimmable HF electronics ballasts and semi-gloss cat 2 mirror louvre.                  | no   | 297.5          |
| 421  | 600mm x 1245mm recessed fluorescent fitting c/w 3 x 28w tri-phosphor lamps, 3 x Dimmable HF electronics ballasts and semi-gloss cat 3 mirror louvre.                  | no   | 382.5          |
| 422  | 600mm x 1245mm recessed fluorescent fitting c/w 4 x 28w tri-phosphor lamps, 4 x Dimmable HF electronics ballasts and semi-gloss cat 3 mirror louvre.                  | no   | 552.5          |
| 423  | Recessed down-light c/w 2 x plate 42w tri-phosphor, lamps, dimmable HF electronics ballasts and anodise facetted aluminum reflector.                                  | no   | 382.5          |
| 424  | Recessed down-light c/w 2 x plate 26w tri-phosphor, lamps, dimmable HF electronics ballasts and anodise facetted aluminum reflector.                                  | no   | 340            |
| 425  | Dimmable HF electronics ballast 1 x 14W - 28W one ballast to one fluorescent lamp inclusive of replacement.                                                           | no   | 102            |
| 426  | Dimmable HF electronics ballast 2 x 14W - 28W one ballast to one fluorescent lamp inclusive of replacement.                                                           | no   | 127.5          |
| 427  | Dimmable HF electronics ballast 1 x 13W - 42W PLC luminaries inclusive of replacement.                                                                                | no   | 127.5          |
| 428  | Recessed mounting for suspended ceiling board type, M2 mirror optics diffuser 2 x 14W (625mm x 625mm) c/w tubes and 2 dimmable HF electronic ballast.                 | no   | 272            |
| 429  | Recessed mounting for suspended ceiling board type, M2 mirror optics diffuser 3 x 14W (625mm x 625mm) c/w tubes and 3 dimmable HF electronic ballast.                 | no   | 382.5          |
| 430  | To replace existing electronic ballast all labours, parts <(>&<)> cables to light fittings, 1 x 28W ballast/1 x 14W ballast.                                          | no   | 25.5           |
| 431  | Supply, install and replace 2 x 54W weather proof fluorescent luminaries with IP 55 protection.                                                                       | no   | 97.75          |

| S/No | Description                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 432  | Supply, install and replace explosion proof 2 x 28W light fixture c/w light                                                                                                                 | no   | 595            |
| 433  | tube. To supply and install wall mounted luminaries (any types of face plate description "Caution/Lecture in Progress/Laser in Operation/Toxic Discharge"/complete with gear and LED/tubes. | no   | 382.5          |
| 434  | To supply and install LED type of flood light fixture 80-200W complete with inverter and LED.                                                                                               | no   | 510            |
| 435  | To supply and install LED type of halogen light fixture complete with inverter and LED. (3-10W), any colour rendering, weather proof.                                                       | no   | 102            |
| 436  | Supply, deliver, replace and install circular globe fixtures c/w gear <(>&<)> lamp up to 250W, Globe of 400 diameter.                                                                       | no   | 255            |
| 437  | Supply, deliver, replace and install Zebra Crossing yellow circular globe c/w 30 - 50W LED including driver, timer, PCB.                                                                    | no   | 425            |
| 438  | Main bell wiring pt 230 Volts c/w switch.                                                                                                                                                   | no   | 20.4           |
| 439  | Mains wiring point for bell transformer.                                                                                                                                                    | no   | 17             |
| 440  | Bell push pt c/w bell push 30m run bell wire and mounting block.                                                                                                                            | no   | 20.4           |
| 441  | 240 to 6-24V bell transformer 12VA make.                                                                                                                                                    | no   | 12.75          |
| 442  | 6-24V (AC or DC) electric bell, 75mm diameter                                                                                                                                               | no   | 8.5            |
| 443  | 6-24V (AC or DC) electric buzzer.                                                                                                                                                           | no   | 8.5            |
| 444  | 230 volt electric gong 150mm diameter revolving light / baby siren / buzzer.                                                                                                                | no   | 51             |
| 445  | 230 volt electric gong 225mm diameter revolving light / baby siren / buzzer.                                                                                                                | no   | 85             |
| 446  | 300mm diameter AC230V electric, wall mounted clock with red seconds hand and 72 hours of power reserve in case of power failure.                                                            | no   | 170            |
| 447  | Electronic multi-function bell timer c/w a choice of 4 melodies, 2 control output channels and easy to program.                                                                             | no   | 807.5          |
| 448  | 300mm Wall Clock DC 1.5V.                                                                                                                                                                   | no   | 42.5           |
| 449  | Supply, install and replace TV point including splitter.                                                                                                                                    | no   | 17             |
| 450  | Supply, deliver, replace and install UPS >= 10KVA, 3 phase, 63A c/w 4 output terminal, tolerance range +/- 10%.                                                                             | no   | 4250           |
| 451  | Supply, deliver, replace and install UPS >= 20KVA, 3 phase, 63A c/w 4 output terminal, tolerance range +/- 10%.                                                                             | no   | 6800           |
| 452  | Supply, deliver, replace and install UPS >= 10KVA, 1 phase, 63A c/w 4 output terminal, tolerance range +/- 10%.                                                                             | no   | 1700           |
| 453  | Supply, deliver, replace and install UPS >= 20KVA, 1 phase, 63A c/w 4 output terminal, tolerance range +/- 10%.                                                                             | no   | 3400           |
| 454  | To remove one lighting point including wiring fitting, batten, conduits etc and make good wall or ceiling surface (excluding touch-up).                                                     | no   | 3.4            |
| 455  | To remove one power point including wiring fitting, batten, conduits etc and make good wall or ceiling surface (excluding touch-up).                                                        | no   | 3.4            |
| 456  | To remove bracket, exhaust or ceiling oscillating fan pt including wiring fan, batten, or conduits mounting block and make good wall surface.                                               | no   | 5.1            |

| S/No | Description                                                                                                              | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 457  | To remove ceiling fan pt including wiring, batten, fan/hook and regulator                                                | no   | 4.25           |
| 450  | make good wall or ceiling surface (excluding touch up).                                                                  | 20   | 2.55           |
| 458  | To take down ceiling fan, wall bracket fans, oscillating fan.                                                            | no   | 2.55           |
| 459  | To take down fluorescent/tungsten light fitting (ceiling, pendant or recessed).                                          | no   | 2.55           |
| 460  | To touch up one light point or power point including plastering and painting, etc to match existing wall surface.        | no   | 1.87           |
| 461  | To take down Perimeter and security light fitting c/w arm and bracket (Any type).                                        | no   | 6.8            |
| 462  | To remove one single or 3-phase isolator point including wiring, conduits, etc and make good wall or ceiling surface.    | no   | 6.8            |
| 463  | To take down high bay luminaries c/w integrated control gear and bracket and make good with painting.                    | no   | 12.75          |
| 464  | Lighting fitting of any type (ceiling, pendant or recessed).                                                             | no   | 5.1            |
| 465  | 1.5m or 1.2m sweep ceiling fan and speed regulator.                                                                      | no   | 6.8            |
| 466  | Wall bracket or exhaust fan (all sizes).                                                                                 | no   | 5.1            |
| 467  | Ceiling oscillating fan (all sizes).                                                                                     | no   | 5.1            |
| 468  | Perimeter and security light fitting (any type).                                                                         | no   | 8.5            |
| 469  | Electric Clock or Bell Timer (all sizes).                                                                                | no   | 5.1            |
| 470  | Tungsten light point with simple shade.                                                                                  | no   | 10.71          |
| 471  | Light point with fitting of any type.                                                                                    | no   | 7.23           |
| 472  | Ceiling fan point and fan c/w fan hook, regulator and teak block.                                                        | no   | 17             |
| 473  | Bracket fan point c/w fan mounting block and fan.                                                                        | no   | 9.35           |
| 474  | Switch points c/w switch and teak block metal box.                                                                       | no   | 5.95           |
| 475  | 13A or 15A switch socket outlet point.                                                                                   | no   | 7.65           |
| 476  | Supply and replace/install including connecting up 5 amps white rocker plate SP c/w moulded surface mounting box.        | no   | 4.25           |
| 477  | Supply and replace/install including connecting up 2 ways 5 amps white rocker plate SP c/w moulded surface mounting box. | no   | 5.44           |
| 478  | Supply and replace/install including connecting up 2g 5 amps white rocker plate SP c/w moulded surface mounting box.     | no   | 5.44           |
| 479  | Supply and replace/install including connecting up 3g 5 amps white rocker plate SP c/w moulded surface mounting box.     | no   | 7.82           |
| 480  | Supply and replace/install including connecting up 4g 5 amps white rocker plate SP c/w moulded surface mounting box.     | no   | 9.35           |
| 481  | Supply and replace/install including connecting up 13 amps switch socket outlet c/w moulded box.                         | no   | 5.95           |

| Supply and replace/install including connecting up 2g 13 amps switch socket outlet c/w moulded box.  483 Supply and replace/install including connecting up 15 amps switch socket outlet c/w moulded box.  484 Supply and replace/install including connecting up 13 amps metal clad switch socket outlet c/w box.  485 Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box.  486 Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box.  487 Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box.  488 Supply and replace/install including connecting up 10 Amps double-pole switch with indicator light c/w moulded box switch socket outlet c/w box.  488 Supply and install including connecting up 15 Amps metal clad switch socket outlet c/w box.  489 Supply and install including connecting up 15 Amps metal clad isolator c/w 320 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings  489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  490 Supply and install including connecting up 30 Amps single (3 phase)  500 DOL motor starter contactor c/w auxillary contacts  491 Supply and install including connecting up 30 Amps single (3 phase)  500 DOL motor starter contactor c/w auxillary contacts  491 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  492 Supply and install so Amps TPN metal clad isolator c/w 6mm2 PVC cable in metal trunking not less than 30m  493 Supply and install so Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  494 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  495 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  496 Power socket outlet c/w 13A ivory socket outlet with spring cover a | S/No | Description                                                              | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------|------|----------------|
| Supply and replace/install including connecting up 15 amps switch socket outlet c/w moulded box switch socket outlet c/w box.  8.84  Supply and replace/install including connecting up 13 amps metal clad switch socket outlet c/w box.  Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box.  Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box.  Supply and replace/install including connecting up 10 Amps double-pole switch with indicator light c/w moulded box.  Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box.  Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts.  Supply and install including connecting up 30 Amps single (3 phase)  DOL motor starter contactor c/w auxillary contacts.  Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 5mm2 PVC cable in metal trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 5mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 5mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 5mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 13 Amp SP weatherproof switched or unswitched socket outlet c/w 15A weatherproof plug top and screw cap as LEWDEN or equival | 482  |                                                                          | no   | 13.6           |
| outlet c/w moulded box.  Supply and replace/install including connecting up 13 amps metal clad switch socket outlet c/w box.  Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box.  Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box  Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box  Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box  Supply and install including connecting up 15 Amps metal clad with 15 mins settings  Supply and install including connecting up 15 -20 Amps DOL motor starter contactor c/w auxillary contacts  Supply and install including connecting up 30 Amps single (3 phase) no DOL motor starter contactor c/w auxillary contacts  Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/frunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/frunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Outlet  Supply and install 13  |      |                                                                          |      |                |
| Supply and replace/install including connecting up 13 amps metal clad switch socket outlet c/w box.  485 Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box.  486 Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box.  487 Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box  488 Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box  488 Supply and install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings  489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxiliary contacts  490 Supply and install including connecting up 30 Amps single (3 phase)  500 DL motor starter contactor c/w auxiliary contacts  491 Supply and install including connecting up 30 Amps single (3 phase)  500 DL motor starter contactor c/w auxiliary contacts  492 Supply and install including connecting up 30 Amps single (3 phase)  500 DL motor starter contactor c/w auxiliary contacts  493 Supply and install S0 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  494 Supply and install S0 Amps TPN metal clad isolator c/w 5mm2 PVC cable in metal trunking not less than 30m  495 Supply and install S0 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  497 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  500 Supply and install 13 Amp GI weather-proof switched or unswitched socke | 483  |                                                                          | no   | 10.54          |
| switch socket outlet c/w box.  Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box.  486 Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box  487 Supply and replace/install including connecting up 20 Amps double-pole switch socket outlet c/w box  488 Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box  488 Supply and install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings  489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  490 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  491 Supply and install 20 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  492 Supply and install 30 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  493 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  494 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  495 Supply and install 100 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  496 Power socket outlet c/w 13A weather-proof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  497 Power socket outlet c/w 15A weather-proof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  498 Power socket outlet c/w 15A weather-proof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  499 Power socket outlet c/w 15A invry socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weathe | 404  |                                                                          |      | 0.04           |
| 485 Supply and replace/install including connecting up 2g 13 amps metal clad switch socket outlet c/w box. 486 Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box 487 Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box 488 Supply and install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings 489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts 490 Supply and install including connecting up 30 Amps single (3 phase) 491 Supply and install including connecting up 30 Amps single (3 phase) 492 Supply and install including connecting up 30 Amps single (3 phase) 493 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m 494 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m 493 Supply and install 50 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m 494 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m 495 Supply and install 150 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m 496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable in metal trunking not less than 30m 496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable 497 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable 500 Supply and install 3 Amp GI weatherproof switched or unswitched socket outlet. 501 Supply and install 15 Amp twin gang weather-proof switched or unswitched socket outlet. 502 Supply and install  | 484  |                                                                          | no   | 8.84           |
| switch socket outlet c/w box.  Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box  487 Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box  488 Supply and install including connecting up 15 Amps metal clad isolator coperated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings  489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  490 Supply and install including connecting up 30 Amps single (3 phase) DOL motor starter contactor c/w auxillary contacts  491 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  492 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  493 Supply and install 10 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  494 Supply and install 10 Amps TPN metal clad isolator c/w 50mm2 PVC no 1207 cable in metal trunking not less than 30m  495 Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC able in metal trunking not less than 30m  496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  497 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  498 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  498 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet conduit up to 3 x 15m run of 2.5mm2 PVC cable  501 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet.  502 Supply and install 13 Amp GI  | 40E  |                                                                          | no   | 15.2           |
| 486 Supply and replace/install including connecting up 15 Amps metal clad switch socket outlet c/w box 487 Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box 488 Supply and replace/install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings 489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts 490 Supply and install including connecting up 30 Amps single (3 phase) no 255 DOL motor starter contactor c/w auxillary contacts 491 Supply and install including connecting up 30 Amps single (3 phase) no 255 DOL motor starter contactor c/w auxillary contacts 492 Supply and install including connecting up 30 Amps single (3 phase) no 258 DOL motor starter contactor c/w auxillary contacts 493 Supply and install 30 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m 494 Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m 495 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m 496 Supply and install 100 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m 497 Supply and install 100 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m 498 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable 499 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable 498 Power socket outlet c/w 15A weatherproof switched or unswitched socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable 499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to  | 465  |                                                                          | 110  | 15.3           |
| switch socket outlet c/w box Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box  488 Supply and install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings  489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  490 Supply and install including connecting up 30 Amps single (3 phase) no 255 DOL motor starter contactor c/w auxillary contacts  491 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  492 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  493 Supply and install 30 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  494 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  495 Supply and install 160 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  497 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 4.0mm2 PVC cable  498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  498 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  500 Supply and install 5 Amp EV metalerproof switched or unswitched socket outlet.  501 Supply and install 5 Amp EV metalerproof switched or unswitched socket outlet.  502 Supply and install 13 Amp Gl weather-proof socket out | 486  |                                                                          | no   | 11.05          |
| Supply and replace/install including connecting up 20 Amps double-pole switch with indicator light c/w moulded box Supply and install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  499 Supply and install including connecting up 30 Amps single (3 phase) DOL motor starter contactor c/w auxillary contacts  490 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  491 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  492 Supply and install 50 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  493 Supply and install 50 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  494 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  495 Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  497 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  501 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet.  502 Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  503 Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  5 |      |                                                                          |      | 11.05          |
| switch with indicator light c/w moulded box  Supply and install including connecting up time switch electric operated 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings  Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  Supply and install including connecting up 30 Amps single (3 phase) no 255  DOL motor starter contactor c/w auxillary contacts  Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, | 487  |                                                                          | no   | 17             |
| 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with 15 mins settings Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts 490 Supply and install including connecting up 30 Amps single (3 phase) DOL motor starter contactor c/w auxillary contacts 491 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m 492 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m 493 Supply and install 50 Amps TPN metal clad isolator c/w 5mm2 PVC cable in metal trunking not less than 30m 494 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m 495 Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m 496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable 497 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 4.0mm2 PVC cable 498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable 499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable 500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet 501 Supply and install 5 Amp SP weather-proof switched or unswitched socket outlet 502 Supply and install 3 Amp Gl weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent. 503 Supply and install 13 Amp Gl weather-proof socket outlet c/w spring gasket cover. 504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF 505 Supply and install water-proof isolator with minimum protection of IP 55, 506 Supply and install                                              |      |                                                                          |      |                |
| 15 mins settlings  489 Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  490 Supply and install including connecting up 30 Amps single (3 phase)  DOL motor starter contactor c/w auxillary contacts  491 Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  492 Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  493 Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  494 Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  495 Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1207 cable in metal trunking not less than 30m  496 Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1700 cable in metal trunking not less than 30m  497 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  498 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 4.0mm2 PVC cable  498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  500 Supply and install 5 Amp 5P weatherproof switched or unswitched socket outlet  501 Supply and install 5 Amp 5P weather-proof switched or unswitched socket outlet  502 Supply and install 3 Amp Gl weather-proof socket outlet c/w spring gasket cover.  503 Supply and install 3 Amp Gl weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, 204 Supply and install water-proof isolator with minimum protection of IP 55, 505 Supply and install water-proof  | 488  | Supply and install including connecting up time switch electric operated | no   | 152            |
| Supply and install including connecting up 15-20 Amps DOL motor starter contactor c/w auxillary contacts  Supply and install including connecting up 30 Amps single (3 phase) DOL motor starter contactor c/w auxillary contacts  Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC no cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1207 cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF                                                           |      | 230 volt 50 c/s 10-30 Amp Quartz reserve (150) yours) 24 hour dial with  |      | 155            |
| contactor c/w auxillary contacts  Supply and install including connecting up 30 Amps single (3 phase) DOL motor starter contactor c/w auxillary contacts  Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 25mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC no 1207 cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1700 cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet.  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet.  Supply and install 3 Amp GI weather-proof socket outlet c/w weather-proof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install 3 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install 3 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and instal |      |                                                                          |      |                |
| Supply and install including connecting up 30 Amps single (3 phase) DOL motor starter contactor c/w auxillary contacts Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m Supply and install 100 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet. Supply and install 5 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent. Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover. Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover. Supply and install water-proof isolator with minimum protection of IP 55, 20ADF Supply and install water-proof isolator with minimum protection of IP 55, no                                                                                                                                | 489  |                                                                          | no   | 136            |
| DOL motor starter contactor c/w auxillary contacts  Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp Gl weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, possible of the proof isolator with minimum protection of IP 55, possible of the proof isolator with minimum protection of IP 55, possible of the proof isolator with minimum protection of IP 55, possible proof iso | 400  | ·                                                                        |      | 255            |
| Supply and install 20 Amps TPN metal clad isolator c/w 4mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 25mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in Gl conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in Gl conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp SP weather-proof switched or unswitched socket outlet  Supply and install 13 Amp Gl weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                          | 490  |                                                                          | 110  | 255            |
| in conduit/trunking not less than 30m  Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                    | 491  | •                                                                        | no   | 278.8          |
| Supply and install 30 Amps TPN metal clad isolator c/w 6mm2 PVC cable in conduit/trunking not less than 30m  Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 5 Amp 5P weatherproof switched or unswitched socket outlet  Supply and install 5 Amp SP weather-proof switched or unswitched socket outlet.  Supply and install 5 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                       | 751  |                                                                          | 110  | 270.0          |
| in conduit/trunking not less than 30m  Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1700 cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet  Supply and install 3 Amp GI weather-proof socket outlet c/w pring gasket cover.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install 3 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                   | 492  |                                                                          | no   | 307.7          |
| in metal trunking not less than 30m  Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1700 cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w spring gasket cover.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | in conduit/trunking not less than 30m                                    |      |                |
| Supply and install 100 Amps TPN metal clad isolator c/w 50mm2 PVC cable in metal trunking not less than 30m  495 Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC no 1700 cable in metal trunking not less than 30m  496 Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  497 Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  501 Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  502 Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  503 Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 493  | Supply and install 50 Amps TPN metal clad isolator c/w 25mm2 PVC cable   | no   | 704.65         |
| cable in metal trunking not less than 30m  Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                          |      |                |
| Supply and install 160 Amps TPN metal clad isolator c/w 70mm2 PVC cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 51 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 494  |                                                                          | no   | 1207           |
| cable in metal trunking not less than 30m  Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 405  |                                                                          |      | 4700           |
| Power socket outlet c/w 13A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 495  |                                                                          | no   | 1/00           |
| and metal screwed cover in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 496  | _                                                                        | no   |                |
| cable Power socket outlet c/w 15A weatherproof type socket outlet, plug top and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, no 51  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 450  |                                                                          | 110  | 127.5          |
| and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  501 Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  502 Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  503 Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | ·                                                                        |      |                |
| and metal screwed cover in GI conduit up to 3 x 15m run of 4.0mm2 PVC cable  Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 497  | Power socket outlet c/w 15A weatherproof type socket outlet, plug top    | no   | 127 5          |
| 498 Power socket outlet c/w 13A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  499 Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  501 Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  502 Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  503 Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | · ·                                                                      |      | 127.5          |
| gasket in GI conduit up to 3 x 15m run of 2.5mm2 PVC cable  Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w no weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 400  |                                                                          |      | 0.5            |
| Power socket outlet c/w 15A ivory socket outlet with spring cover and gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 498  | , , ,                                                                    | no   | 85             |
| gasket in GI conduit up to 3 x 15m of 2.5mm2 PVC cable  500 Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  501 Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  502 Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  503 Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 199  |                                                                          | no   | <b>Q</b> 5     |
| Supply and install 5 Amp SP weatherproof switched or unswitched socket outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 433  |                                                                          | 110  | 85             |
| outlet  Supply and install 5 Amp twin gang weather-proof switched or unswitched socket outlet.  Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 500  | · · · · · · · · · · · · · · · · · · ·                                    | no   | 17             |
| unswitched socket outlet.  502 Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  503 Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                          |      |                |
| Supply and install 13 Amp GI weather-proof socket outlet c/w weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 501  | Supply and install 5 Amp twin gang weather-proof switched or             | no   | 25.5           |
| weatherproof plug top and screw cap as LEWDEN or equivalent.  Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                          |      |                |
| Supply and install 13 Amp plastic weather-proof socket outlet c/w spring gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 502  |                                                                          | no   | 89.25          |
| gasket cover.  Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 500  |                                                                          |      | so ==          |
| 504 Supply and install water-proof isolator with minimum protection of IP 55, 20ADF  505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 503  |                                                                          | no   | 63.75          |
| 20ADF 505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 504  |                                                                          | no   | E1             |
| 505 Supply and install water-proof isolator with minimum protection of IP 55, no 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 304  |                                                                          | 110  | 31             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 505  |                                                                          | no   | 68             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                          |      |                |

| S/No | Description                                                                                              | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------|------|----------------|
| 506  | Supply and install water-proof isolator with minimum protection of IP 55, 45ADF                          | no   | 76.5           |
| 507  | Supply and install water-proof isolator with minimum protection of IP 55, 60ADF                          | no   | 85             |
| 508  | Supply and install water-proof isolator with minimum protection of IP 55, 20ATPN                         | no   | 66.3           |
| 509  | Supply and install water-proof isolator with minimum protection of IP 55, 32ATPN                         | no   | 76.5           |
| 510  | Supply and install water-proof isolator with minimum protection of IP 55, 45ATPN                         | no   | 102            |
| 511  | Supply and install water-proof isolator with minimum protection of IP 55, 60ATPN                         | no   | 127.5          |
| 512  | Supply and replace 250W Metal Halide Lamp                                                                | no   | 63.75          |
| 513  | Supply and replace 400W Metal Halide Lamp                                                                | no   | 76.5           |
| 514  | Supply and replace 250 - 400W Metal Halide ballast, Type Constant W attage Auto-Transformer (CWA)        | no   | 85             |
| 515  | Supply and replace Igniter for 70W - 400W metal halide high bay luminaries                               | no   | 27.2           |
| 516  | Supply and replace including connecting up 150 watt PAR 38 Reflector Lamp                                | no   | 10.2           |
| 517  | Supply and replace including connecting up 14 watt 400mm energy saving glue tube (Any colour rendering)  | no   | 4.25           |
| 518  | Supply and replace including connecting up 28 watt 1200mm energy saving glue tube (Any colour rendering) | no   | 8.08           |
| 519  | Supply and replace including connecting up 54 watt 1500mm energy saving fluo tube                        | no   | 6.38           |
| 520  | Supply and replace including connecting up fluorescent starter of any size                               | no   | 1.28           |
| 521  | Supply and replace including connecting up low loss ballast for 14 watt lamp                             | no   | 7.65           |
| 522  | Supply and replace including connecting up low loss ballast for 28 watt lamp                             | no   | 9.35           |
| 523  | Supply and replace including connecting up PL 9 watts to 13 watt lamp                                    | no   | 7.65           |
| 524  | Supply and replace including connecting up 10w to 40w 2D fluorescent lamp 2 to 4 pin                     | no   | 13.18          |
| 525  | Supply and replace including connecting up 60w and above spiral compact fluorescent lamp                 | no   | 25.5           |
| 526  | Supply and replace including connecting up PL-18 - 26 watt lamp                                          | no   | 12.75          |
| 527  | Supply and replace including connecting up ballast for PL 9 watt - 11 watt                               | no   | 5.1            |
| 528  | Supply and replace including connecting up ballast for PL 13 watt - 18 watt                              | no   | 6.8            |
| 529  | Supply and replace 10W - 13W PLC lamp including connecting up                                            | no   | 11.9           |
| 530  | Supply and replace 18W - 26W PLC lamp including connecting up                                            | no   | 14.03          |
|      |                                                                                                          |      | I              |

| S/No | Description                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 531  | Supply and replace including connecting up ceiling rose with 3-plate                                                                                                                                                                                                   | no   | 3.83           |
| 532  | Supply and replace including connecting up batten holder/lamp holder                                                                                                                                                                                                   | no   | 3.83           |
| 533  | Supply and replace including connecting up capacitor for 1-2 metre or 1.5 metres ceiling fan                                                                                                                                                                           | no   | 7.65           |
| 534  | Supply and replace including connecting up 3 amp SP water tight switch                                                                                                                                                                                                 | no   | 17             |
| 535  | Supply and replace including connecting up twin gang 5 amp SP water tight switch                                                                                                                                                                                       | no   | 25.5           |
| 536  | Supply and replace including connecting up ceiling fan regulator of any type and make                                                                                                                                                                                  | no   | 14.03          |
| 537  | Supply and replace 8w fluorescent tube for exit light luminaries including connecting up                                                                                                                                                                               | no   | 2.55           |
| 538  | Supply and install plot cell control switch including connecting up                                                                                                                                                                                                    | no   | 38.25          |
| 539  | Supply and replace polypropylene power factor capacitor for any sizes of light fitting                                                                                                                                                                                 | no   | 4.25           |
| 540  | Supply and replace prismatic acrylic diffuser, size 600mm x 600mm                                                                                                                                                                                                      | no   | 8.5            |
| 541  | Supply and replace prismatic acrylic diffuser, size 1200 x 600mm                                                                                                                                                                                                       | no   | 11.9           |
| 542  | Supply and replace existing diffuser to egg crate silver anodized diffuser of any sizes including disposal                                                                                                                                                             | no   | 21.25          |
| 543  | Supply and replace/install including connecting up 6 gang 5 amps white rocker plate SP c/w moulded surface mounting box                                                                                                                                                | no   | 10.2           |
| 544  | Supply and replace/install including connecting up 8 gang 5 amps white rocker plate SP c/w moulded surface mounting box                                                                                                                                                | no   | 11.9           |
| 545  | Supply and install/replace including connecting up to power point and ready to operate for an electronic time switch 230V, 50Hz, 7 days operations, class of operation IP 42/11, with minimum time setting of 1 minute. The timber shall have 24 start/stop functions. | no   | 340            |
| 546  | Supply and install digital electronics time switch 230 volt 50 Hz c/s 10 Amp.                                                                                                                                                                                          | no   | 136            |
| 547  | Supply and install including connecting up to 35-60 Amp star-delta motor starter contactor c/w auxillary contacts                                                                                                                                                      | no   | 289            |
| 548  | Supply and replace Bulb ES or BC 15w-100w                                                                                                                                                                                                                              | no   | 2.55           |
| 549  | Supply and replace 42W PLC (4 pins) lamp (OSPAM) or equivalent                                                                                                                                                                                                         | no   | 25.5           |
| 550  | Supply and replace 35w-50w Halogen lamp c/w Cool beam & UV filter type                                                                                                                                                                                                 | no   | 17             |
| 551  | Supply and replace 10w Halogen lamp (Emergency light)                                                                                                                                                                                                                  | no   | 8.5            |
| 552  | Supply & replace 5w 6.3v blub (pilot indicating light)                                                                                                                                                                                                                 | no   | 1.7            |
| 553  | Supply and replace 35w - 60w ES or BC carbon bulb (Philips) or equivalent                                                                                                                                                                                              | no   | 34             |
| 554  | Supply & replace 20w - 40w UV fluorescent                                                                                                                                                                                                                              | no   | 34             |

| S/No | Description                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 555  | Supply & replace 50w HME mercury lamp                                                                                                                           | no   | 11.9           |
| 556  | Supply & replace Ballast for 50w HME mercury lamp                                                                                                               | no   | 22.1           |
| 557  | Supply & replace 32w -40W circular flow lamp                                                                                                                    | no   | 8.5            |
| 558  | Digital KHH meter, 32A to 1000A equivalent c/w CTS ,< (>&<) > connections, wiring                                                                               | no   | 255            |
| 559  | Supply & replace 150W - 250w Sodium Vapour lamps ballast                                                                                                        | no   | 42.5           |
| 560  | Supply and replace 150w-250w sodium Vapour lamp                                                                                                                 | no   | 102            |
| 561  | Supply & replace 70w metal halide lamp/sodium                                                                                                                   | no   | 29.75          |
| 562  | Supply and replace 70w-200w metal halide lamp                                                                                                                   | no   | 42.5           |
| 563  | Supply and replace 70w - 200w metal halide ballast, type constant wattage auto-transformer (CWA)                                                                | no   | 59.5           |
| 564  | Supply and replace outdoor light fitting (L-810) 35w-50w 12V low voltage c/w bulb and transformer                                                               | no   | 102            |
| 565  | Supply and replace outdoor light fitting 12V to 24V, 35w - 50w transformer                                                                                      | no   | 42.5           |
| 566  | Supply and replace including connecting 50 to 65 watt lamps (energy saving lamp)                                                                                | no   | 34             |
| 567  | Supply & replace 1000 to 2000 watts sodium/mercury/metal halide lamp                                                                                            | no   | 127.5          |
| 568  | Supply & replace ballast for 1000 to 2000 watts sodium/mercury/metal halide lamp                                                                                | no   | 212.5          |
| 569  | Supply & replace ignitor for 1000 to 2000 watts sodium/mercury 1 metal halide lamp                                                                              | no   | 42.5           |
| 570  | Supply & replace including connecting up ballast for PLC 10- 23 watts                                                                                           | no   | 5.95           |
| 571  | Supply & replace including connecting up ballast for PLC 18- 26 watts                                                                                           | no   | 13.6           |
| 572  | Supply & replace fluorescent tube T5 (16mm) extra slim 25w Supply & replace weather protected junction Box IP65 of                                              | no   | 15.3           |
| 573  | any sizes                                                                                                                                                       | no   | 102            |
| 574  | Supply & replace ground buried luminaries metal halide fitting c/w 1 x $70$ w/ $100$ w lamp complete with control gear and protection conforms to IP 67 class 1 | no   | 425            |
| 575  | To check, testing, service and commissioning (software programming) lighting dimming system                                                                     | no   | 340            |
| 576  | To supply & replace 4-stage scene control & push button                                                                                                         | no   | 255            |
| 577  | To supply & replace master ON/OFF switch c/w indicating lights                                                                                                  | no   | 59.5           |
| 578  | To supply & replace HF electronic dimmable ballast for PLC bulb                                                                                                 | no   | 102            |
| 579  | To supply & replace HP electronic dimmable ballast for fluorescent tube                                                                                         | no   | 76.5           |

| S/No | Description                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 580  | To supply & replace LT/HT step-down transformer for outdoor building                                                                                                                                                     | no   | 127.5          |
| 581  | lighted signages (Any capacity)  To supply & replace outdoor water-proof lighted signages bulb                                                                                                                           | no   | 6.8            |
| 582  | To supply & replace programmable Dim Actuator DC 24V in Dimming System                                                                                                                                                   | no   | 102            |
| 583  | To supply & replace bus-voltage supply module                                                                                                                                                                            | no   | 170            |
| 584  | To supply & replace programmable dimming control modules 0.7kw to 2 kw range                                                                                                                                             | no   | 850            |
| 585  | To supply & replace plug in thysistor or Transistor modules for phase controlled in dimming system, the power range from 3 kw to 5 kw with phase control                                                                 | no   | 1020           |
| 586  | Supply, install and replace Emergency Push button, 240V c/w Red button                                                                                                                                                   | no   | 34             |
| 587  | Supply, install and replace 2 Amp to 10 Amp, cartridge fuse                                                                                                                                                              | no   | 2.55           |
| 588  | Supply, install and replace Programmable Digital Power KWH meter (EDMI) c/w remote monitoring capability, CTs testing and commissioning, surge protection and LEW endorsement                                            | lot  | 2975           |
| 589  | Supply, deliver and install 230B, 50 HZ Dehumidifier of capacity of at least 25 litres                                                                                                                                   | no   | 2125           |
| 590  | Supply, install and replace Motion/ Presence Detector control switch, 230V, 50 hz c/w timer control capability for at least 30 minutes, detection angle of 360 degrees horizontal, 180 degrees vertical range and wiring | no   | 204            |
| 591  | Supply & install Isolator point c/w 160Amp TP IP65 Isolator, in metal trunking, 5 x 1 core 70mm2 PVC cable above 30m run                                                                                                 | lot  | 1700           |
| 592  | Supply up to 28w 1200mm x 38mm fluo tube (any type of colour rendering)                                                                                                                                                  | no   | 3.4            |
| 593  | Supply, install and replace explosion proof tube 1 x 28w                                                                                                                                                                 | no   | 68             |
| 594  | Supply, install and replace explosion proof ballast, 1 x 28W                                                                                                                                                             | no   | 85             |
| 595  | To replace 1 x 54W electronics ballast                                                                                                                                                                                   | no   | 29.75          |
| 596  | Supply and replace 1 x 108W electronics ballast                                                                                                                                                                          | no   | 59.5           |
| 597  | Supply, deliver, replace & install 10A 1-5 gang switches c/w 1 dimmer <(>&<)> base                                                                                                                                       | no   | 17             |
| 598  | Supply, deliver, replace & install 10A 1-5 gang switches c/w 2 dimmer (<(>&<)> base                                                                                                                                      | no   | 21.25          |
| 599  | Supply, deliver, replace and install 3-10W LED (halogen type 0 bulb c/w UV filter                                                                                                                                        | no   | 25.5           |
| 600  | Supply, deliver, replace and install Halogens LED/light strip driver                                                                                                                                                     | no   | 34             |
| 601  | Supply, deliver, replace and install 1500mm light strip, 15-30W                                                                                                                                                          | no   | 68             |
| 602  | Supply, deliver, replace and install energy paving PAR 38, 25w                                                                                                                                                           | no   | 25.5           |
| 603  | CDMT Lamp, 2 PIN - 15 W                                                                                                                                                                                                  | no   | 25.5           |

| S/No | Description                                                                                                                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 604  | Supply, install and replace 3 way, 400V 200A - 800A, 4 pole manual                                                                                  | no   | 841.5          |
| 605  | transfer switch c/w modification                                                                                                                    | 20   |                |
| 605  | Excavate cable pit for fault location 1.5m x 1.5m x 1.5m deep on ground including backfilling, compacting, make good and returfing (other size pits | no   | 127.5          |
|      | will be pro-rated accordingly)                                                                                                                      |      |                |
| 606  | Excavate trench 750mm deep x 300mm width on ground and backfilling                                                                                  | m    | 10.2           |
|      | including re-turfing                                                                                                                                |      |                |
| 607  | Excavate trench 750mm deep and 60mm width on ground and backfilling including re-turfing                                                            | m    | 11.9           |
| 608  | Excavate trench 750mm x 300mm on gravel road and backfilling including                                                                              | m    | 68             |
|      | making good                                                                                                                                         |      | 00             |
| 609  | Excavate trench 750mm x 300mm on metalled/concrete surface using                                                                                    | m    | 102            |
| 640  | diamond cutter and patching/milling                                                                                                                 |      | 44.30          |
| 610  | Supply and lay in prepared trench 100mm dia PVC pipe with 300mm x 300mm concrete haunching and materials and                                        | m    | 14.28          |
| 611  | Supply and lay in prepared trench 150mm dia PVC pipe with 450mm x                                                                                   | m    | 22.0           |
|      | 450mm concrete haunching and materials and labour for PVC pipe                                                                                      |      | 23.8           |
| 612  | jointing  Supply and law cable warning files (Valley calcur)                                                                                        |      | 0.5            |
| 612  | Supply and lay cable warning files (Yellow colour)                                                                                                  | m    | 8.5            |
| 613  | Supply and lay cable markers with engraving and painting (150mm x                                                                                   | no   | 34             |
|      | 100mm x 5mm)                                                                                                                                        |      |                |
| 614  | Supply and lay 6mm <sup>2</sup> 2 core PVC/SWA/PVC cable to BS 6346, 600/1000V                                                                      | m    | 7.14           |
| 615  | grade Supply and lay 10mm <sup>2</sup> 2 core PVC/SWA/PVC cable to BS 6346, 600/1000V                                                               | m    | 10.71          |
| 013  | grade                                                                                                                                               |      | 10.71          |
| 616  | Supply and lay 16mm <sup>2</sup> 2 core PVC/SWA/PVC cable to BS 6346, 600/1000V                                                                     | m    | 13.98          |
| 647  | grade                                                                                                                                               |      | 45.00          |
| 617  | Supply and lay 4mm <sup>2</sup> - 10mm <sup>2</sup> 4 core PVC/SWA/PVC cable to BS 6346, 600/1000V grade                                            | m    | 15.98          |
| 618  | Supply and lay 16mm <sup>2</sup> 4 core PVC/SW A/PVC cable to BS 6346,                                                                              | m    | 23.21          |
|      | 600/1000V grade                                                                                                                                     |      |                |
| 619  | Supply and lay 25mm <sup>2</sup> 2 core PVC/SW A/PVC cable to BS 6346,                                                                              | m    | 18.79          |
| 620  | 600/1000V grade Supply and lay 25mm <sup>2</sup> 4 core PVC/SW A/PVC cable to BS 6346,                                                              | m    | 31.75          |
| 020  | 600/1000V grade                                                                                                                                     |      | 31.73          |
| 621  | Supply and lay 95mm <sup>2</sup> 4 core PVC/SW A/PVC cable to BS 6346,                                                                              | m    | 99.75          |
| 622  | 600/1000V grade                                                                                                                                     |      | 452.6          |
| 622  | Supply and lay 150mm <sup>2</sup> 4 core XLPE or PVC/SWA/PVC cable to BS 6346, 600/1000V grade                                                      | m    | 153.6          |
| 623  | Supply and lay 240mm <sup>2</sup> 4 core XLPE or PVC/SWA/PVC cable to BS 6346,                                                                      | m    | 214.2          |
|      | 600/1000V grade                                                                                                                                     |      |                |
| 624  | Supply and lay 300m <sup>2</sup> 4 core XLPE or PVC/SWA/PVC cable to BS 6346,                                                                       | m    | 255            |
| 625  | 600/1000V grade Supply and install brass glands termination for 10mm <sup>2</sup> to 25mm <sup>2</sup> 2C                                           | no   | 29.75          |
| 023  | PVC/SW A/PVC cable                                                                                                                                  | 110  | 23.13          |
| 626  | Supply and install brass glands termination for 35mm² to 70mm² 2C -4C                                                                               | no   | 29.75          |
| 65-  | PVC or XLPE/SW A/PVC cable                                                                                                                          |      |                |
| 627  | Supply and install brass glands termination for 95mm <sup>2</sup> to 150mm <sup>2</sup> 4C PVC or XLPE/SWA/PVC cable                                | no   | 55.25          |
| I    | OF ALL LIGHTAGE CODIC                                                                                                                               | l    |                |

| S/No | Description                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 628  | Supply and install brass glands termination for 240mm <sup>2</sup> to 400mm <sup>2</sup> 4C                                                                                                                                                                               | no   | 106.25         |
| 629  | PVC or XLPE/SW A/PVC cable Pot end c/w lead inner sleeves any size of cable                                                                                                                                                                                               | no   | 42.08          |
| 630  | Up to 4mm² conductor                                                                                                                                                                                                                                                      | no   | 2.13           |
| 631  | Up to 10mm² conductor                                                                                                                                                                                                                                                     | no   | 2.98           |
| 632  | 16mm² to 25mm² conductor                                                                                                                                                                                                                                                  | no   | 5.1            |
| 633  | 50mm² to 150mm² conductor                                                                                                                                                                                                                                                 | no   | 13.6           |
| 634  | 180mm <sup>2</sup> and above                                                                                                                                                                                                                                              | no   | 18.7           |
| 635  | 6mm <sup>2</sup> tp 16mm <sup>2</sup> 2 core or 4 core straight through joint                                                                                                                                                                                             | no   | 110.5          |
| 636  | 25mm <sup>2</sup> 2 core or 4 core straight through joint                                                                                                                                                                                                                 | no   | 170            |
| 637  | 95mm² to 150mm² 4 core straight through joint                                                                                                                                                                                                                             | no   | 229.5          |
| 638  | 240mm² to 400mm² 4 core straight through joint                                                                                                                                                                                                                            | no   | 276.25         |
| 639  | Supply and lay 70mm <sup>2</sup> 4 core XLPE/SW A/PVC cable to IEC 502, 600/1000V grade                                                                                                                                                                                   | m    | 76.5           |
| 640  | Supply and lay 35mm <sup>2</sup> 4 core XLPE/SW A/PVC cable to IEC 502, 600/1000V grade                                                                                                                                                                                   | m    | 45.9           |
| 641  | Supply and lay 50mm <sup>2</sup> 4 core XLPE/SW A/PVC cable to IEC 502, 600/1000V grade                                                                                                                                                                                   | m    | 61.2           |
| 642  | Supply and lay 70mm <sup>2</sup> 4 core XLPE/SWA/PVC cable to IEC 502, 600/1000V grade                                                                                                                                                                                    | m    | 76.5           |
| 643  | Supply, lay and replace 6600V, 300mm <sup>2</sup> 3 core XLPE underground cable (High Tension), including excavation of at least 1.5m deep, backfilling, compacting, returfing and cable slab.                                                                            | m    | 306            |
| 644  | Supply, lay and replace 22000V, 300mm <sup>2</sup> , 3 core XLPE underground cable (High Tension) including excavation of at least 1.5m deep backfilling, compacting, returfing and cable slab.                                                                           | m    | 340            |
| 645  | Supply, labour all materials for 6600V to 2200V underground High Tension cable straight joint including excavation of at least 1.5m deep backfilling, compacting, returfing, cable slab, test <(>&<)> commissioning c/w PE endorsement and reports                        | lot  | 2550           |
| 646  | Supply, lay and replace 10 pairs, 240V 2.5mm², DSTA PVC pilot underground cable, including excavation of at least 1.5m deep, backfilling, compacting, returfing and cable slab                                                                                            | m    | 42.5           |
| 647  | Supply, lay and replace 20 pairs, 240V 2.5mm², DSTA PVC pilot underground cable, including excavation of at least 1.5m deep, backfilling, compacting, returfing and cable slab                                                                                            | m    | 102            |
| 648  | Supply, labour, all materials for 10 pairs or 20 pairs, 240V 2.5mm2, underground DSTA PC pilot cable straight joint including excavation of at least 1.5m deep, backfilling, compacting, returfing, cable slab, test <(>&<)> commissioning c/w PE endorsement and reports | lot  | 1870           |

| Supply, labour (licensed cable detector), equipment and all materials no freport (for all types of underground high tension cable - 6600V/2200KV Supply and install brass gland termination for 4mm² to 6mm³, 2C-4C PVC or XLPE/SW A/PVC cable  551 Supply and replace including connecting up 28 watt, 900mm no 7.23  552 Supply deliver, install and replace heavy duty 6mm thickness rubber insulation mat Supply and lay 6mm² XLPE single core cable, 600 /1000V m 4.08  553 Supply and lay 10mm² XLPE single core cable, 600 /1000V m 4.59  555 Supply and lay 10mm² XLPE single core cable, 600 /1000V m 5.1  556 Supply and lay 25mm² XLPE single core cable, 600 /1000V m 8.16  557 Supply and lay 35mm² XLPE single core cable, 600 /1000V m 10.2  558 Supply and lay 35mm² XLPE single core cable, 600 /1000V m 10.2  559 Supply and lay 50mm² XLPE single core cable, 600 /1000V m 13.26  569 Supply and lay 70mm² XLPE single core cable, 600 /1000V m 13.26  560 Supply and lay 95mm² XLPE single core cable, 600 /1000V m 22.44  561 Supply and lay 120mm² XLPE single core cable, 600 /1000V m 22.44  562 Supply and lay 120mm² XLPE single core cable, 600 /1000V m 35.7  563 Supply and lay 150mm² XLPE single core cable, 600 /1000V m 22.44  564 Supply and lay 150mm² XLPE single core cable, 600 /1000V m 25.7  565 Supply and lay 150mm² XLPE single core cable, 600 /1000V m 25.7  566 Supply and lay 240mm² XLPE single core cable, 600 /1000V m 25.7  567 Supply and lay 300mm² XLPE single core cable, 600 /1000V m 25.7  568 Supply and lay 300mm² XLPE single core cable, 600 /1000V m 163.2  569 Supply and lay 400mm² XLPE single core cable, 600 /1000V m 163.2  560 Supply and lay 300mm² XLPE single core cable, 600 /1000V m 163.2  560 Supply and lay 300mm² XLPE single core cable, 600 /1000V m 163.2  560 Supply and lay 50mm² XLPE single core cable, 600 /1000V m 163.2  560 Supply and lay 50mm² XLPE single core cable, 600 /1000V m 163.2  560 Supply and lay 50mm² XLPE single core cable, 600 /1000V m 163.2  560 Supply and lay 50mm² XLPE single core cable, 600 /1000V m 163.2 | S/No | Description                                                           | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------|------|----------------|
| Interessary to Heret, Newson Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon Carbon C | 649  | Supply, labour (licensed cable detector), equipment and all materials | no   | 2125           |
| Supply and lay 10mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 22.44 Supply and lay 15mm² XLPE single core cable, 600/1000V m 15.1 Supply and lay 15mm² XLPE single core cable, 600/1000V m 10.2 Supply and lay 25mm² XLPE single core cable, 600/1000V m 10.2 Supply and lay 25mm² XLPE single core cable, 600/1000V m 10.2 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 70mm² XLPE single core cable, 600/1000V m 22.44 Supply and lay 150mm² XLPE single core cable, 600/1000V m 22.44 Supply and lay 240mm² XLPE single core cable, 600/1000V m 25.7 Supply and lay 150mm² XLPE single core cable, 600/1000V m 25.7 Supply and lay 150mm² XLPE single core cable, 600/1000V m 25.7 Supply and lay 240mm² XLPE single core cable, 600/1000V m 25.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 25.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 25.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 25.5 Celling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved) Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved) Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved) Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved) Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved) Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved) Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                              |      | •                                                                     |      |                |
| or XLPE/SW A/PVC cable Supply and replace including connecting up 28 watt, 900mm  7.23  652  Supply deliver, install and replace heavy duty 6mm thickness rubber insulation mat  653  Supply and lay 6mm² XLPE single core cable, 600 /1000V  m  4.08  654  Supply and lay 10mm² XLPE single core cable, 600 /1000V  m  4.59  655  Supply and lay 10mm² XLPE single core cable, 600/1000V  m  5.1  656  Supply and lay 25mm² XLPE single core cable, 600/1000V  m  8.16  657  Supply and lay 35mm² XLPE single core cable, 600/1000V  m  10.2  658  Supply and lay 50mm² XLPE single core cable, 600/1000V  m  13.26  659  Supply and lay 95mm² XLPE single core cable, 600/1000V  m  13.36  660  Supply and lay 95mm² XLPE single core cable, 600/1000V  m  22.44  661  Supply and lay 120mm² XLPE single core cable, 600/1000V  m  23.77  662  Supply and lay 120mm² XLPE single core cable, 600/1000V  m  48.96  653  Supply and lay 120mm² XLPE single core cable, 600/1000V  m  48.96  654  Supply and lay 240mm² XLPE single core cable, 600/1000V  m  48.96  655  Supply and lay 240mm² XLPE single core cable, 600/1000V  m  10.2  666  Supply and lay 300mm² XLPE single core cable, 600/1000V  m  10.2  667  Supply and lay 400mm² XLPE single core cable, 600/1000V  m  10.2  668  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  669  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  670  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  671  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  672  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                             | 650  |                                                                       | no   | 21.25          |
| Supply deliver, install and replace heavy duty 6mm thickness rubber insulation mat Supply and lay 6mm² XLPE single core cable, 600 /1000V  m 4.08 Supply and lay 10mm² XLPE single core cable, 600 /1000V m 4.59 Supply and lay 10mm² XLPE single core cable, 600 /1000V m 5.1 Supply and lay 25mm² XLPE single core cable, 600/1000V m 8.16 Supply and lay 25mm² XLPE single core cable, 600/1000V m 10.2 Supply and lay 35mm² XLPE single core cable, 600/1000V m 10.2 Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26 Supply and lay 50mm² XLPE single core cable, 600/1000V m 18.36 Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44 Supply and lay 120mm² XLPE single core cable, 600/1000V m 22.44 Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7 Supply and lay 120mm² XLPE single core cable, 600/1000V m 96.9 Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 26.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 26.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 26.9 Supply and lay 300mm² XLPE single core cable, 600/1000V m 27.4 Supply and lay 300mm² XLPE single core cable, 600/1000V m 20.4 Supply and lay 500mm² XLPE single core cable, 600/1000V m 20.4 Supply and lay 500mm² XLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² XLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and lay 630mm² SLPE single core cable, 600/1000V m 20.4 Supply and la |      | or XLPE/SW A/PVC cable                                                |      |                |
| insulation mat Supply and lay 6mm² XLPE single core cable, 600 /1000V  m 4.08  Supply and lay 10mm² XLPE single core cable, 600 /1000V  m 4.59  Supply and lay 16mm² XLPE single core cable, 600 /1000V  m 5.1  Supply and lay 16mm² XLPE single core cable, 600/1000V  m 5.1  Supply and lay 25mm² XLPE single core cable, 600/1000V  m 10.2  Supply and lay 35mm² XLPE single core cable, 600/1000V  m 10.2  Supply and lay 50mm² XLPE single core cable, 600/1000V  m 13.26  Supply and lay 70mm² XLPE single core cable, 600/1000V  m 18.36  Supply and lay 95mm² XLPE single core cable, 600/1000V  m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V  m 35.7  Supply and lay 120mm² XLPE single core cable, 600/1000V  m 48.96  Supply and lay 120mm² XLPE single core cable, 600/1000V  m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V  m 122.4  Supply and lay 300mm² XLPE single core cable, 600/1000V  m 122.4  Supply and lay 300mm² XLPE single core cable, 600/1000V  m 122.4  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                      | 651  | Supply and replace including connecting up 28 watt, 900mm             | no   | 7.23           |
| Supply and lay 10mm² XLPE single core cable, 600 /1000V m 4.59  Supply and lay 10mm² XLPE single core cable, 600 /1000V m 4.59  Supply and lay 16mm² XLPE single core cable, 600 /1000V m 5.1  Supply and lay 25mm² XLPE single core cable, 600/1000V m 8.16  Supply and lay 35mm² XLPE single core cable, 600/1000V m 10.2  Supply and lay 35mm² XLPE single core cable, 600/1000V m 13.26  Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26  Supply and lay 70mm² XLPE single core cable, 600/1000V m 18.36  Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 120mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 150mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 300mm² XLPE single core cable, 600/1000V m 20.4  Supply and lay 300mm² XLPE single core cable, 600/1000V m 20.4  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Celling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                              | 652  |                                                                       | m    | 34             |
| Supply and lay 16mm² XLPE single core cable, 600/1000V m 8.16  Supply and lay 25mm² XLPE single core cable, 600/1000V m 8.16  Supply and lay 35mm² XLPE single core cable, 600/1000V m 10.2  Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26  Supply and lay 70mm² XLPE single core cable, 600/1000V m 18.36  Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 240mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 26.9  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                                                                                                                                                                                                                              | 653  | Supply and lay 6mm <sup>2</sup> XLPE single core cable, 600 /1000V    | m    | 4.08           |
| Supply and lay 25mm² XLPE single core cable, 600/1000V m 10.2  Supply and lay 35mm² XLPE single core cable, 600/1000V m 10.2  Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26  Supply and lay 70mm² XLPE single core cable, 600/1000V m 18.36  Supply and lay 70mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 240mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 204  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                                                                                                                                                                                                                               | 654  | Supply and lay 10mm <sup>2</sup> XLPE single core cable, 600 /1000V   | m    | 4.59           |
| Supply and lay 35mm² XLPE single core cable, 600/1000V m 13.26  Supply and lay 50mm² XLPE single core cable, 600/1000V m 13.26  Supply and lay 70mm² XLPE single core cable, 600/1000V m 18.36  Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 300mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 400mm² XLPE single core cable, 600/1000V m 204  Ceff Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Ceff Supply and lay 630mm² XLPE single core cable, 600/1000V m 204  Supply and lay 630mm² XLPE single core cable, 600/1000V m 205  Supply and lay 630mm² XLPE single core cable, 600/1000V m 205  Supply and lay 630mm² XLPE single core cable, 600/1000V m 205  Supply and lay 630mm² XLPE single core cable, 600/1000V m 205  Supply and lay 630mm² XLPE single core cable, 600/1000V m 205  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply and lay 630mm² XLPE single core cable, 600/1000V m 207  Supply  | 655  | Supply and lay 16mm <sup>2</sup> XLPE single core cable, 600/1000V    | m    | 5.1            |
| Supply and lay 50mm² XLPE single core cable. 600/1000V m 18.36  Supply and lay 70mm² XLPE single core cable, 600/1000V m 18.36  Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 150mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Sracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 656  | Supply and lay 25mm <sup>2</sup> XLPE single core cable, 600/1000V    | m    | 8.16           |
| Supply and lay 70mm² XLPE single core cable, 600/1000V m 18.36  Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 657  | Supply and lay 35mm <sup>2</sup> XLPE single core cable, 600/1000V    | m    | 10.2           |
| Supply and lay 95mm² XLPE single core cable, 600/1000V m 22.44  Supply and lay 120mm² XLPE single core cable, 600/1000V m 35.7  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 658  | Supply and lay 50mm <sup>2</sup> XLPE single core cable. 600/1000V    | m    | 13.26          |
| Supply and lay 120mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 400mm² XLPE single core cable, 600/1000V m 204  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 659  | Supply and lay 70mm <sup>2</sup> XLPE single core cable, 600/1000V    | m    | 18.36          |
| Supply and lay 150mm² XLPE single core cable, 600/1000V m 48.96  Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Supply and lay 500mm² XLPE single core cable, 600/1000V m 255  Supply and lay 630mm² XLPE single core cable, 600/1000V m 255  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 660  | Supply and lay 95mm <sup>2</sup> XLPE single core cable, 600/1000V    | m    | 22.44          |
| Supply and lay 240mm² XLPE single core cable, 600/1000V m 96.9  Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Supply and lay 500mm² XLPE single core cable, 600/1000V m 255  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 661  | Supply and lay 120mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 35.7           |
| Supply and lay 300mm² XLPE single core cable, 600/1000V m 122.4  Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Supply and lay 630mm² XLPE single core cable, 600/1000V m 255  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR no 110.5 approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 662  | Supply and lay 150mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 48.96          |
| Supply and lay 400mm² XLPE single core cable, 600/1000V m 163.2  Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  Supply and lay 630mm² XLPE single core cable, 600/1000V m 255  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR no 110.5 approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 663  | Supply and lay 240mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 96.9           |
| Supply and lay 500mm² XLPE single core cable, 600/1000V m 204  667 Supply and lay 630mm² XLPE single core cable, 600/1000V m 255  668 Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  669 Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  670 Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  671 Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  672 Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 664  | Supply and lay 300mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 122.4          |
| Supply and lay 630mm² XLPE single core cable, 600/1000V m 255  Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR no 110.5 approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 665  | Supply and lay 400mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 163.2          |
| Ceiling fan 40 to 60 inches sweep c/w up to 1.5 metres down rod and speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 666  | Supply and lay 500mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 204            |
| speed regulator. Make: National F601BS or equivalent (SISIR approved)  Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR no 110.5 approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 667  | Supply and lay 630mm <sup>2</sup> XLPE single core cable, 600/1000V   | m    | 255            |
| Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR no 170 approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 668  |                                                                       | no   | 170            |
| Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR no 297.5 approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no 340 approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 669  | Bracket wall fan 300mm oscillating. Make Hitachi or equivalent (SISIR | no   | 110.5          |
| Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR approved)  Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no approved)  340                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 670  | Bracket wall fan 400mm oscillating. Make Hitachi or equivalent (SISIR | no   | 170            |
| Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR no approved)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 671  | Bracket wall fan 500mm oscillating. Make Hitachi or equivalent (SISIR | no   | 297.5          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 672  | Bracket wall fan 600mm oscillating. Make Hitachi or equivalent (SISIR | no   | 340            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 673  |                                                                       | no   | 122.4          |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                  | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 674  | Additional length of down rod for ceiling fan                                                                                                                                                                                                                                                                                                                                | no   | 5.1            |
| 675  | To supply/install 20cm KDK or equivalent exhaust fan                                                                                                                                                                                                                                                                                                                         | no   | 102.85         |
| 676  | To supply/install 25cm KDK or equivalent exhaust fan                                                                                                                                                                                                                                                                                                                         | no   | 127.5          |
| 677  | To supply/install 30cm KDK or equivalent exhaust fan                                                                                                                                                                                                                                                                                                                         | no   | 158.95         |
| 678  | To supply/install 30cm KDK or equivalent Industry exhaust fan                                                                                                                                                                                                                                                                                                                | no   | 340            |
| 679  | To supply/install 50cm KDK or equivalent Industry exhaust fan                                                                                                                                                                                                                                                                                                                | no   | 442            |
| 680  | To supply/install 40cm KDK or equivalent Industry exhaust fan                                                                                                                                                                                                                                                                                                                | no   | 595            |
| 681  | Open a concrete hole for exhaust fan including providing wooden frame                                                                                                                                                                                                                                                                                                        | no   | 63.75          |
| 682  | To remove existing window glass and cover back by wooden block c/w painting                                                                                                                                                                                                                                                                                                  | no   | 15.3           |
| 683  | To supply/install 15cm KDK or equivalent exhaust fan                                                                                                                                                                                                                                                                                                                         | no   | 85             |
| 684  | Painting of existing ceiling fan (all sizes) - sand down and clean before painting                                                                                                                                                                                                                                                                                           | no   | 8.5            |
| 685  | Supply and install or replace hand drier (automatic) similar to "Stibel<br>Eltron or "vortice" - ADHR or equivalent                                                                                                                                                                                                                                                          | no   | 382.5          |
| 686  | Supply and replace the printed Circuit Board (PCB) in the hand-drier including removing the defective PCB, connecting up ready for operation and testing                                                                                                                                                                                                                     | no   | 102            |
| 687  | Supply and replace the heating element in the hand-drier including connecting up and testing                                                                                                                                                                                                                                                                                 | no   | 46.75          |
| 688  | Paint ceiling fan 1.5 metres or 1.2 metres sweep c/w speed regulator (sand down and clean before painting)                                                                                                                                                                                                                                                                   | no   | 8.5            |
| 689  | Paint fluorescent fitting c/w down rods (sand down and clean before painting)                                                                                                                                                                                                                                                                                                | no   | 5.95           |
| 690  | Paint 300mm - 400mm bracket wall (oscillating) fan (sand down and clean before painting)                                                                                                                                                                                                                                                                                     | no   | 5.95           |
| 691  | Paint 500mm - 600mm bracket wall (oscillating) fan (sand down and clean before painting)                                                                                                                                                                                                                                                                                     | no   | 7.65           |
| 692  | To carry out inspection on safe operation of the ceiling fan inclusive of the system, supports, bolts, etc. for impending corrosion, fatigue failure and disintegration and to ensure that the fan will not collapse within 12 months from the date of inspection. A report and certification of completion for the fans shall be issued by the Contractor to the University | no   | 25.5           |
| 693  | To perform 1 time servicing for Dehumidifier inclusive of washing of filters, clearing of reservoir etc.                                                                                                                                                                                                                                                                     | no   | 42.5           |
| 694  | To make good or convert existing opening to fire stop (for opening not more than 3m x 3m per level)                                                                                                                                                                                                                                                                          | no   | 255            |
| 695  | Supply/install 13 amps plug top                                                                                                                                                                                                                                                                                                                                              | no   | 2.55           |
| 696  | Supply/install 15 amps plug top                                                                                                                                                                                                                                                                                                                                              | no   | 3.4            |

| S/No | Description                                                                                                                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 697  | Supply and install stainless steel type of anchor bolt and nut (this item                                                                           | no   | 25.5           |
| COO  | does not apply to new installation)                                                                                                                 |      | 05             |
| 698  | Arrange for PUB testing and installation of lighting/power KWH meter for first consumer 40A to 100A TF supply c/w LEW endorsement                   | no   | 85             |
| 699  | Arrange for testing and installation of lighting/power KWH meter for                                                                                | no   | 42.5           |
|      | subsequent consumer unit within the same premises                                                                                                   |      | .=.0           |
| 700  | Scrapping and repainting of O/G box for feeder pillar (one under coat of                                                                            | no   | 68             |
|      | anti-rust paint and two coats of approved finishing paint)                                                                                          |      |                |
| 701  | Scrapping and repainting street lighting, perimeter lighting or O/H                                                                                 | no   | 68             |
|      | distribution steel poles (one undercoat of anti-rust paint and two coats of approved finishing paint and numbered accordingly by 3" brass stencils) |      |                |
| 702  | Scrapping and repainting street lighting, perimeter lighting or O/H                                                                                 | no   |                |
| 702  | distribution steel poles (one undercoat of anti-rust paint and two coats of                                                                         | 110  | 51             |
|      | approved finishing paint and numbered accordingly by 3" brass stencils)                                                                             |      |                |
| 703  | Scrapping and repainting outdoor park lighting pole (one undercoat of                                                                               | no   | 0.5            |
|      | antirust paint and two coats of approved finishing paint and numbered                                                                               |      | 85             |
|      | accordingly by 3" brass stencils)                                                                                                                   |      |                |
| 704  | Install only and make concrete foundation, correct wiring c/w provision                                                                             | no   | 102            |
|      | of parts, install pole top fitting and globe cover, check cable and commission street lights. (lamp post by others)                                 |      |                |
| 705  | Breaking up concrete foundation, excavate, backfill, straighten street light                                                                        | no   | 35.7           |
| , 03 | pole or overhead mains, mild steel pole and remake concrete foundation                                                                              |      | 33.7           |
| 706  | Breaking up concrete foundation, excavate, backfill and remove street                                                                               | no   | 55.25          |
|      | light pole c/w pole top fitting overhead main pole and return to Estate                                                                             |      | 55.25          |
|      | Office Store, including provision of labour and transport                                                                                           |      |                |
| 707  | Shunt trip coil for MCCB of any ampere                                                                                                              | no   | 85             |
| 708  | Danger signboard in 4 languages                                                                                                                     | no   | 15.3           |
| 700  |                                                                                                                                                     |      |                |
| 709  | Danger sticker in 4 languages                                                                                                                       | no   | 8.5            |
| 710  | 60A BI Connector                                                                                                                                    | no   | 17             |
|      |                                                                                                                                                     |      |                |
| 711  | 100A BI Connector                                                                                                                                   | no   | 25.5           |
| 712  | 20-150 Amp 1-phase direct connected KWH meter                                                                                                       | no   | 204            |
|      |                                                                                                                                                     |      | 20.            |
| 713  | Selector switch                                                                                                                                     | no   | 17             |
| 714  | Insulating fibre 300mm x 300mm x 5mm                                                                                                                | no   | 8.5            |
| 714  | insulating hore sooniin x sooniin x shiin                                                                                                           | 110  | 6.5            |
| 715  | insulation PVC sheet 300mm x 300mm x 1.5mm                                                                                                          | no   | 3.4            |
| 74.6 | 4 Farmille Arran 2 calabaticate                                                                                                                     |      | 2.42           |
| 716  | 1.5mm² to 4mm² cable link                                                                                                                           | no   | 2.13           |
| 717  | 30-100A 3-phase direct connected KWH meter                                                                                                          | no   | 382.5          |
|      |                                                                                                                                                     |      |                |
| 718  | 200 to 400/5A 3-phase 4 wire CT connected KWH meter                                                                                                 | no   | 510            |
| 710  | Weather proof quiteb socket o/u plus 200 single phase 2 males on the                                                                                | n-   | 107            |
| 719  | Weather proof switch socket c/w plug 20A single phase 3 poles or three phase 4 poles                                                                | no   | 187            |
|      | Private i hores                                                                                                                                     | I    | ]              |

| S/No | Description                                                                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 720  | Weather-proof switch socket c/w plug 30A single phase 3 poles or three                                                                                                                                                                                                | no   | 229.5          |
| 721  | phase 4 poles                                                                                                                                                                                                                                                         |      | 207.5          |
| 721  | Weather-proof switch socket c/w plug 30A three phase 5 poles                                                                                                                                                                                                          | no   | 297.5          |
| 722  | Weather-proof switch socket c/w plug 60A three phase 5 poles                                                                                                                                                                                                          | no   | 382.5          |
| 723  | Electronic potential dimming switch to Philips LPS-100 or equivalent                                                                                                                                                                                                  | no   | 85             |
| 724  | Supply and riveting of traffolyte labels (engraved with black/white/red letterings on backgrounds) up to 150mm x 40 mm                                                                                                                                                | no   | 4.25           |
| 725  | Similar to the above labels from above 150mm x 40mm Circular globe of 400 to 650mm diameter                                                                                                                                                                           | no   | 6.8            |
| 726  | Supply all labour, transport, materials and equipment to conduct Primary Injection (PI)                                                                                                                                                                               | no   | 340            |
| 727  | Testing of circuit breaker inclusive of LEW (PE) endorsement (First Test)                                                                                                                                                                                             | no   | 382.5          |
| 728  | Similar to above PI Test but for subsequent breaker at the same time                                                                                                                                                                                                  | no   | 127.5          |
| 729  | Supply all labour, transport, materials and equipment to conduct Secondary Injection (SI) Testing of circuit breaker inclusive of LEW (PE) endorsement (First Test)                                                                                                   | no   | 297.5          |
| 730  | Similar to above SI test but for subsequent breaker at the same time                                                                                                                                                                                                  | no   | 85             |
| 731  | Supply labour, transport, tools and material for the servicing of LT SWBD inclusive of air circuit breaker (of any rating up to 400A)                                                                                                                                 | no   | 340            |
| 732  | Soppy and lay 150mm diameter heavy duty UPVC pipe including socket connector and end cap SS141 Class B                                                                                                                                                                | m    | 12.75          |
| 733  | Supply and lay 100mm diameter heavy duty UPVC pipe including socket connector and end cap SS141 Class B                                                                                                                                                               | m    | 10.2           |
| 734  | Supply and lay 50mm diameter heavy duty UPVC pipe including socket connector and end cap SS213                                                                                                                                                                        | m    | 8.5            |
| 735  | To update a A1 or AO size electrical soft/hardcopy single line drawing c/w PE endorsement                                                                                                                                                                             | no   | 255            |
| 736  | High performance lead acid (Plante type) battery for Genset of 1.85v 157AH at C8 20°C                                                                                                                                                                                 | no   | 255            |
| 737  | Nickel cadmium battery of 1.15v of 33AH at C5 20°C                                                                                                                                                                                                                    | no   | 212.5          |
| 738  | Height of scaffolding 4.1m to 10m                                                                                                                                                                                                                                     | no   | 85             |
| 739  | Height of scaffolding 4m to 10m c/w certified scaffold erector PE endorsement                                                                                                                                                                                         | no   | 425            |
| 740  | Height of scaffolding 10m and above c/w certified scaffold erector PE endorsement                                                                                                                                                                                     | no   | 850            |
| 741  | Not In Use                                                                                                                                                                                                                                                            |      |                |
| 742  | Not In Use                                                                                                                                                                                                                                                            |      |                |
| 743  | Circular globe of 400 diameter and below                                                                                                                                                                                                                              | no   | 170            |
| 744  | Hiring of suspended cradles/gondolas or mechanically powered jack type gondolas of 2.00m length of below including erection, maintaining, shirting anchorages testing certifying by approval engineer endorsement removing after use, all as specified for first week | no   | 850            |

| S/No | Description                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 745  | To supply & install industrial plug and connector (IP44) 20A to 32A, 240v                                                                                                      | no   | 127.5          |
| 746  | To supply & install industrial plug and connector (IP44) 20A to 32A, 400v                                                                                                      | no   | 195.5          |
| 747  | Supply only GE SPECTRA BUSWAY (225A to 600A) with 3 pole dull neutral and 50% internal copper earth bar                                                                        | no   | 2125           |
| 748  | Supply 60A/10A TPN MCCB Plug Unit                                                                                                                                              | no   | 1063.35        |
| 749  | Supply 150A/200A TPN MCCB Plug                                                                                                                                                 | no   | 2259.3         |
| 750  | Supply 300A/400a TPN MCCB Plug                                                                                                                                                 | no   | 3836.9         |
| 751  | Supply 600A TPN MCCB Plug Unit                                                                                                                                                 | no   | 6905.4         |
| 752  | Supply only flange end for 225A to 100A Busway                                                                                                                                 | no   | 816            |
| 753  | Supply only flange end for 1200a to 1600A Busway                                                                                                                               | no   | 1147.5         |
| 754  | Supply only Flange end for 200A to 3000A Busway                                                                                                                                | no   | 1793.5         |
| 755  | Supply only cable tap box for 225a to 1000A Busway                                                                                                                             | no   | 654.5          |
| 756  | Supply only cable tap box for 1200A to 1600A Busway                                                                                                                            | no   | 94.35          |
| 757  | Supply only cable tap box for 2000A to 3000a Busway                                                                                                                            | no   | 1530           |
| 758  | Supply only spring hanger for 225A to 3000A Busway to 3000A Busway                                                                                                             | no   | 30.6           |
| 759  | Supply and end box for 225A                                                                                                                                                    | no   | 68             |
| 760  | Supply only 90 Deg elbow for 225A to 300A Busway                                                                                                                               | no   | 286.45         |
| 761  | Supply only tee for 225A to 300A Busway                                                                                                                                        | no   | 344.25         |
| 762  | Supply/install/replace Busway 400A - 800A (TP40) with 3 pole full neutral 50% internal copper earth bar c/2 cable tap box, spring hanger, end box and testing & commissioning  | no   | 2550           |
| 763  | Supply/Install/Replace Busway 1000A -1600A (IP40) with 3 pole full neutral 50% internal copper earth bar c/w cable Tap Box, spring Hanger, End Box and Testing & commissioning | no   | 3145           |
| 764  | Supply/Install/Replace Busway 1350A -2000A (IP40) with 3 pole full neutral 50% internal copper earth bar c/w cable Tap Box, spring Hanger, End Box and Testing & commissioning | no   | 3825           |
| 765  | Supply/Install/Replace Busway 2000A -3200A (IP40) with 3 pole full neutral 50% internal copper earth bar c/w cable Tap Box, spring Hanger, End Box and Testing & commissioning | no   | 4250           |
| 766  | Supply/Install/Replace Busway 3200A -4000A (IP40) with 3 pole full neutral 50% internal copper earth bar c/w cable Tap Box, spring Hanger, End Box and Testing & commissioning | no   | 4930           |

| S/No       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit                   | Unit Cost (\$) |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|
| 767        | Supply/Install/Replace Road lighting Die Cast aluminum alloy fitting IP66 c/w control gear of 150W - 250W high pressure sodium lamps, ignitor, anodised reflector and mounting bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | no                     | 807.5          |
| 768        | Supply/install/replace Zebra Crossing lighting fitting c/w synchronized timer, yellow globe lamp 100W bulb (long life type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no                     | 340            |
| 769        | Re-arrangement of main cables of any sizes at Switch room riser & Plant Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no                     | 255            |
| 770        | Supply of labour and carry out underground detection service by qualified or licensed person                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no                     | 680            |
| 771        | Supply/Install/Replace Decorative Bollard fitting c/w control gear, lamp holder at 1m height complete with underground planting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | no                     | 297.5          |
| 772        | Supply labour, transport, tools and material for the servicing of LT SWBD of rate up to 800A for sub LT SW RM and MDB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no                     | 170            |
| 773        | Supply & install 150A to 250A 4-pole Termination block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | no                     | 85             |
| 774        | Supply and Install 300A to 400A 4-pole Termination Block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no                     | 119            |
| 775        | Supply/install/replace road lighting Die Cast Aluminium alloy fitting IP66 c/w control gear of 150W-250W high pressure sodium lamps, ignitor, anodised reflector, 3-6m hot-dipped galvanised planted or flanged pole, concrete plinth with PE endorsement, drawing of the underground concrete plinth, labor to excavate and backfill of earth, luminous labelling and mounting bracket                                                                                                                                                                                                                                                                                                                                                         | no                     | 1870           |
| 776        | To check, maintenance, labour & conduct lightning and earthing impedance test c/w reported drawing by LEW schedule of servicing and others                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | per<br>buildi<br>ng    | 357            |
| 777        | To provide labour to open panels and conduct thermal infra- red imaging scanning c/w report for each LT board with/without coupler/MSB/sub board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | per<br>LT<br>boar<br>d | 425            |
| 778        | To check, maintenance, labour and conduct Insulation test and tightening of Busbar system both vertical and horizontal position c/w report and drawing by LEW during after office hour period including on Sunday and Public Holiday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | no                     | 170            |
| 779<br>780 | Not In Use Supply install and replace Zebra crossing lamp-post c/w 3m galvanized flagged pole, concrete plinth with PE (C&S) endorsement, drawing of the underground concrete plinth, labor to excavate and backfill of earth, painting of yellow & black colour, luminous labeling synchronized timer, yellow globe and 100W bulb                                                                                                                                                                                                                                                                                                                                                                                                              | no                     | 1020           |
| 781        | Supply, labour, equipment & all materials equipment necessary to conduct check and service of low tension servicing of Main switchboard (MSB with two incoming Air Circuit Breakers with one coupler of capacity from 1.5 MVA to 2 .5MVA, MCCBs, Primary injection Test (PI) Secondary Injection Test (Si) Earth Fault Relays Over current Relays, current transformers replacement of bulbs, and fuses an other related parts with the MSB tightening of busbars, cleaning/vacuuming of enclosure, Professional engineer service to Turn OFF & ON of the ACBs/MCCBs submission of reports (COC, PI/SI testing, insulation/megger test) c/w FE endorsement. The work is to be carried out on after hour, ie Saturday, Sunday and Public Holiday | lot                    | 4250           |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 782  | Supply, labour, equipment & all materials equipment necessary to conduct check and service of low tension servicing of Main switchboard (MSB) with two incoming Air Circuit Breakers with one coupler of capacity                                                                                                                                                                                                                                                                           | lot  |                |
|      | less than 1.5 MVA .5MVA, MCCBs, Primary injection Test (PI) Secondary Injection Test (Si) Earth Fault Relays Over current Relays, current transformers replacement of bulbs, and fuses an other related parts with the MSB tightening of busbars, cleaning/vacuuming of enclosure, Professional engineer service to Turn OFF <(>&<)> ON of the ACBs/MCCBs submission of reports (COC, PI/SI testing, insulation/megger test) c/w PE endorsement. The work is to be carried out after office |      | 2890           |
| 783  | hour, ie Saturday, Sunday and Public Holiday Supply labour, install, erect transport, equipment, tools and all materials of metal scaffolding work c/w with safety step ladders, toe boards, hardness and others related safety gadgets including inspection and testing c/w Per endorsement, submission to comply to all relevant authorities, eg MOM in compliance to BCA's safety Act requirements for the height of at least 15 metres and above                                        | lot  | 722.5          |
| 784  | Supply and replace 230V, hour run meter                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no   | 153            |
| 785  | Supply and install AO/A1 size drawing frame                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 85             |
| 786  | 13A single PVC switch socket outlet c/w built in RCD and pilot lights                                                                                                                                                                                                                                                                                                                                                                                                                       | no   | 84.15          |
| 787  | 13A twin PVC switch socket outlet c/w built in RCD and pilot lights                                                                                                                                                                                                                                                                                                                                                                                                                         | no   | 119            |
| 788  | Draw, update, replace and install AO/A1 size, SLD/electrical layout/floor plan in hardcopy and soft copy both PDF & AutoCAD format c/w LEW endorsement                                                                                                                                                                                                                                                                                                                                      | no   | 127.5          |
| 789  | Supply, deliver replace and install electrical enclosure keyway/lockset hinges/turn, knob/ABROY lockset                                                                                                                                                                                                                                                                                                                                                                                     | no   | 17             |
| 790  | Supply, deliver replace and install digital power analyser c/w communication module "Rudolf/MG/Janitza Brand" or equivalent                                                                                                                                                                                                                                                                                                                                                                 | no   | 255            |
| 791  | Rental of mobile genset 501 - 1000KVA for a day (including supply, deliver, install, including fuel, main & final cabling, Socket Outlet Assembly, LEW endorsement on test report, apply SI license, comply to CP88 and MOM requirements)                                                                                                                                                                                                                                                   | no   | 680            |
| 792  | Provide mobile crane for street light maintenance/repairs, above 6m from ground level, replacement of 1-4 street lights                                                                                                                                                                                                                                                                                                                                                                     | no   | 170            |
| 793  | Provide mobile crane for street light maintenance/repairs, above 6m from ground level, replacement of 5-8 street lights                                                                                                                                                                                                                                                                                                                                                                     | no   | 255            |
| 794  | Provide mobile crane for street light maintenance/repairs above 6m from ground level, replacement of 8-12 street lights                                                                                                                                                                                                                                                                                                                                                                     | no   | 340            |
| 795  | Up to 0025 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | no   | 221            |
| 796  | In excess of 0.025 cu metre to 0.05 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                | no   | 340            |
| 797  | In excess of 0.5 cu metre to 0.75 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                  | no   | 425            |
| 798  | In excess of 0.975 cu metre to 0.1 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 510            |
| 799  | In excess of 0.1 cu metre to 0.125 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 595            |

| S/No        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 800         | In excess of 0.125 cu metre to 0.18 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | no   | 680            |
| 801         | In excess of 0.18 cu metre to 0.27 cu metre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | no   | 765            |
| 802         | Supply and install weatherproof mild steel 16 SWG enclosure (powder coated) c/w rain hood and provision for padlocking of size 1100mm(H) x 1000mm (W) x 450mm (D)                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 807.5          |
| 803         | Planted /flange mounted 3-3.5m pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | no   | 238            |
| 804         | Planted/flanged mounted 6m pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 382.5          |
| 805         | Planted/flanged mounted 8m pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | no   | 510            |
| 806         | Supply and install hot-dipped galvanized mild steel bracket for one floodlight luminaries to be used on lamp pole                                                                                                                                                                                                                                                                                                                                                                                                                                                               | no   | 178.5          |
| 807         | Similar as above but for two or three floodlight luminaries on lamp pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | no   | 255            |
| 808         | Supply and install OG Box of size 1300mm(H) x 820mm(W) x 350mm(D) c/w base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | no   | 1360           |
| 809         | Supply and install OG Box of size 1200mm(H) x 700mm(W) x 250mm(D) c/w base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | no   | 1020           |
| 810         | Supply and install OG Box of size 1200mm(H) x 700mm(W) x 220mm(D) c/w base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | no   | 935            |
| 811         | Concrete collar, plinth and foundation OG box only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | no   | 306            |
| 812         | To supply, fabricate, deliver & install Main Distribution board (MCB) of 250 Amp to 400Amp, 400V rating, weatherproof IP55, mild steel, 16 SWG enclosure (power coated) of dimension of Up to 0.35m³, c/w indicating lights (2 sets) fuses, Earth Fault relay shunt trip, Ammeter, voltmeter, selector switch, CTs 6 Nos of out going 40AMp to 150Amp, 22KA TP MCCB. All works shall include PE endorsement. Single-line drawing, terminations, removal cutting of holes, rearrangement of submains cables                                                                      | lot  | 5525           |
| 813         | cleaning and other related works.  To supply, fabricate, deliver & install Main Distribution board (MCB) of 500 Amp to 800Amp, 400V rating, weatherproof IP55, mild steel, 16 SWG enclosure (power coated) of dimension of up to 1.25m³, c/w indicating lights (2 sets) fuses, Earth Fault relay shunt trip, Ammeter, voltmeter, selector switch, CTS 6 Nos of out going 40AMp to 300Amp, 22KA TP MCCB. All works shall include PE endorsement. Single-line drawing, terminations, removal cutting of holes, rearrangement of submains cables cleaning and other related works. | lot  | 8500           |
| 814         | To supply, fabricate, deliver & install Main KWH meter enclosure c/w EMA's KWH meter, BI, cut-out (MCB or Fuses) Internal wiring, termination works, removal and LEW endorsement up to at least 45 KVA 240/400V.                                                                                                                                                                                                                                                                                                                                                                | lot  | 340            |
| 815<br>816- | Supply, fabricate, deliver & install KWH meter enclosure c/w EMA's KWh meter BI, Cut-out (MCB or Fuses) Internal wiring terminating works, removal and LEW endorsement up to at least 104KVA, 240/400V Not In Use                                                                                                                                                                                                                                                                                                                                                               | lot  |                |
| 823<br>824  | Dispatch LEW/ Electrician services works on weekdays whole day (24hrs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | hr   | 42.5           |

| S/No       | Description                                                                                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 825        | Dispatch LEW/ Electrician services on (Sat/Sun/PH) whole day (24hrs)                                                                                                                                                                                                                                                          | hr   | 59.5           |
| 826        | Dispatch LEW/ Technician services works on weekdays whole day(24hrs)                                                                                                                                                                                                                                                          | hr   | 85             |
| 827        | Dispatch LEW/ Technician services on (Sat/Sun/PH) whole day (24hrs)                                                                                                                                                                                                                                                           | hr   | 110.5          |
| 828        | Dispatch LEW/ PE services works on weekdays whole day(24hrs)                                                                                                                                                                                                                                                                  | hr   | 136            |
| 829        | Dispatch LEW/PE services on (Sat/Sun/PH) whole day(24hrs)                                                                                                                                                                                                                                                                     | hr   | 170            |
| 830        | Labour charges for engineer to check, test and recommission the Dimming programmable console systems at Lecture theatre and Seminar Room                                                                                                                                                                                      | hr   | 51             |
| 831<br>832 | Not in use  To supply, deliver, transportation for rental of Room Lift to a height of at least 20 metre c/w Licensed machine operator, valid certified permit of the machine and other necessary                                                                                                                              | lot  | 552.5          |
| 833        | IRAT Technician equipped with gear and mounting accessories                                                                                                                                                                                                                                                                   | hr   | 17             |
| 834        | Draftsmen service                                                                                                                                                                                                                                                                                                             | hr   | 8.5            |
| 835        | High grade lubrication oil                                                                                                                                                                                                                                                                                                    | lit  | 6.8            |
| 836        | High grade coolant                                                                                                                                                                                                                                                                                                            | no   | 3.4            |
| 837        | Fuel filter                                                                                                                                                                                                                                                                                                                   | no   | 43.35          |
| 838        | Air filter                                                                                                                                                                                                                                                                                                                    | no   | 78.2           |
| 839        | Oil filter                                                                                                                                                                                                                                                                                                                    | no   | 320.45         |
| 840        | Supply manpower, transportation, hoisting including cables, equipment and other accessories for the executing of Artifice Load-bank Testing (up to 500KVA)                                                                                                                                                                    | lot  | 3825           |
| 841        | Supply manpower, transportation, hoisting including cables, equipment and other accessories for the executing of Artifice Load-bank Testing (up to 1500KVA)                                                                                                                                                                   | lot  | 6800           |
| 842        | To supply and perform the shutdown Preventive Maintenance to one switchgear panel of 22kV AIS or GIS switchboard of any makes inclusive of busbar & cable insulation test and submitting endorsed test report                                                                                                                 | ea   | 892.5          |
| 843        | To supply and perform the shutdown Preventive maintenance to one unit of either 22kV/400V to 1.5 - 3.5MVA distribution transformer (of any makes) inclusive of cleaning conducting the transformer windings & cable insulation tests, oil dielectric test & protection devices interfacing test, and submitting test reports. | ea   | 442            |
| 844        | To check, clean and perform the maintenance for 30VDC battery panel unit                                                                                                                                                                                                                                                      | ea   | 170            |
| 845        | To supply, deliver, collect and perform oil quality test (OQT) on the main tank of distribution transformer with ratings ranging from either 22kV/415V for 1.5 – 3.5MVA and submitting test reports                                                                                                                           | ea   | 297.5          |

| S/No | Description                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 846  | To supply, deliver, collect and perform dissolved gas analysis test (DGA) on the main tank of distribution transformer with ratings ranging from either 22kV/ 415V for 1.5 – 3.5MVA and submitting test reports                  | ea   | 340            |
| 847  | To supply, deliver and perform partial discharge locator (PDL) measurement with the supplement of using ultra sound detector, if necessary, on one 22kV panel and submitting test reports                                        | ea   | 297.5          |
| 848  | To supply, deliver and perform partial discharge monitor (PDM) measurement on 22kV switchboard of up to a max of 7 panels for duration of up to 7 days inclusive of submitting test reports                                      | ea   | 2975           |
| 849  | To supply, deliver, dismantle, dispose, replace and/or install 1 set of HV or LV warning/caution signage                                                                                                                         | ea   | 42.5           |
| 850  | To supply, deliver, dismantle, dispose, replace and/or install 1set of first aid chart                                                                                                                                           | ea   | 34             |
| 851  | To supply, deliver, dispose, replace and/or lay 1 full length, of up to 5metres, of rubber mats of 6mm thickness in-front of the HV or LV main switchboard                                                                       | ea   | 212.5          |
| 852  | Replace the existing faulty battery panel unit with the supply, deliver, dispose, install, test and commission the new battery charger with batteries cells in the same battery charger enclosure for the 30VDC supply           | ea   | 3570           |
| 853  | Carry out top-up of nitrogen gas to 1.5 – 3.5 MVA transformer tank inclusive of verification checks both before and after top up and further top-up to detect leakage if necessary                                               | ea   | 595            |
| 854  | Carry out on-site repair of oil leak from bolted tank cover of 1.5 – 3.5MVA transformer inclusive of replacing the worn-out gasket, pumping out and in of transformer oil, conducting insulation resistance and ratio tests, etc | ea   | 10200          |
| 855  | Carry out replacement of transformer pressure switch inclusive of verification checks both before- and after- replacement                                                                                                        | ea   | 2720           |
| 856  | Carry out replacement of transformer oil temperature guage inclusive of verification checks both before- and after- replacement                                                                                                  | ea   | 2720           |
| 857  | Carry out replacement of transformer oil level guage inclusive of verification checks both before- and after- replacement                                                                                                        | ea   | 2720           |
| 858  | To replace to new protection relays inclusive of verification tests: removing, installing and connecting of cables and relays and checks both before and after replacement Over- Current without high set relay                  | ea   | 3400           |
| 859  | To replace to new protection relays inclusive of verification tests: removing, installing and connecting of cables and relays and checks both before and after replacement Over- Current with high set relay                     | ea   | 4675           |
| 860  | To replace to new protection relays inclusive of verification tests: removing, installing and connecting of cables and relays and checks both before and after replacement pilot wire protection                                 | ea   | 3400           |
| 861  | To replace to new protection relays inclusive of verification tests removing, installing and connecting of cables and relays and checks both before and after replacement earth fault                                            | ea   | 2125           |
| 862  | To carry out cable insulation tests to high voltage power cables and/or pilot and supervisory cables                                                                                                                             | lot  | 425            |
| 863  | Supply and lay/install 2 row 2 nos of 150mm diameter HD UPVC pipers encased in concrete                                                                                                                                          | m    | 170            |
| 864  | To supply, deliver to site and lay 22kV 3C/300 sq mm XLPE/DSTA/PVC multi-core, stranded copper conductor cable in prepared trench (exclude the trench excavation)                                                                | m    | 187            |

| S/No | Description                                                                                                                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 865  | To supply, deliver to site and lay 22kV 3C/185 sq mm XLPE/DSTA/PVC                                                                                                                                                                         | m    | 280.5          |
|      | multi-core, stranded copper conductor cable in prepared trench (exclude the trench excavation)                                                                                                                                             |      | 280.3          |
| 866  | To supply, deliver to site and lay 1 length of 10 twisted pairs 2.5 sq mm PVC/SWA/PVC pilot cable in prepared trench (exclude the trench excavation)                                                                                       | m    | 85             |
| 867  | To supply, deliver to site and lay 1 length of 20 twisted pairs 2.5 sq mm PVC/SWA/PVC pilot cable in prepared trench (exclude the trench excavation)                                                                                       | m    | 170            |
| 868  | Licensed cable jointer to supply and install cable joint for straight cable joint to 22kV power cable                                                                                                                                      | ea   | 2125           |
| 869  | Rental of mobile genset 501 - 1000KVA for a week (including supply, deliver, install, including fuel, main & final cabling, Socket Outlet Assembly, LEW endorsement on test report, apply SI license, comply to CP88 and MOM requirements) | lot  | 3400           |
| 870  | Rental of mobile genset 200 - 500KVA for a day (including supply, deliver, install, including fuel, main & final cabling, Socket Outlet Assembly, LEW endorsement on test report, apply SI license, comply to CP88 and MOM requirements)   | lot  | 425            |
| 871  | Rental of mobile genset 200 - 500KVA for a week (including supply, deliver, install, including fuel, main & final cabling, Socket Outlet Assembly, LEW endorsement on test report, apply SI license, comply to CP88 and MOM requirements)  | lot  | 2295           |
| 872  | Rental of mobile genset 80 - 199KVA for a day (including supply, deliver, install, including fuel, main & final cabling, Socket Outlet Assembly, LEW endorsement on test report, apply SI license, comply to CP88 and MOM requirements)    | lot  | 255            |
| 873  | Rental of mobile genset 80 - 199KVA for a week (including supply, deliver, install, including fuel, main & final cabling, Socket Outlet Assembly, LEW endorsement on test report, apply SI license, comply to CP88 and MOM requirements)   | lot  | 1615           |
| 874  | Supply and install single phase 16Amp cee form (male & female) in PVC trunking/conduit, 3x1 core 2.5mm2 PVC cable of above 40m run                                                                                                         | lot  | 170            |
| 875  | Supply and install single phase 32Amp cee form (male & female) in PVC trunking/conduit, 3x1 core 6mm2 PVC cable of above 40m run                                                                                                           | lot  | 212.5          |
| 876  | Supply and install three phase 32Amp cee form (male & female) in PVC trunking/conduit, 5x1 core 6mm2 PVC cable of above 40m run                                                                                                            | lot  | 323            |
| 877  | Supply and install three phase 63Amp cee form (male & female) in PVC trunking/conduit, 5x1 core 16mm2 PVC cable of above 40m run                                                                                                           | lot  | 425            |
| 878  | 3 core x 105/0.25 flexible insulated neoprene cables                                                                                                                                                                                       | m    | 3.57           |
| 879  | Supply Engineer between 0800 hrs to 1800 hrs on weekdays                                                                                                                                                                                   | hr   | 27.2           |
| 880  | Supply Supervisor/Technical officer between 0800 hrs to 1800 hrs on weekdays                                                                                                                                                               | hr   | 18.7           |
| 881  | Supply Senior Technician / Technician between 0800 hrs to 1800 hrs on weekdays                                                                                                                                                             | hr   | 10.2           |
| 882  | Supply Engineer between 1801 hrs to 0759 hrs on weekdays and full day (Sat/Sun/PH)                                                                                                                                                         | hr   | 34             |
| 883  | Supply Supervisor/Technical officer between 1801 hrs to 0759 hrs on weekdays and full day (Sat/Sun/PH)                                                                                                                                     | hr   | 25.5           |

| S/No | Description                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 884  | Supply Senior Technician / Technician between 1801 hrs to 0759 hrs on                                                                                                                                                 | hr   | 17             |
| 885  | weekdays and full day (Sat/Sun/PH) 6 ways 13A domestic power socket extension strip c/w 1 x 13plug top                                                                                                                | ea   | 15.3           |
| 886  | 10 ways 13A domestic power socket extension strip c/w 1 x 13plug top                                                                                                                                                  | ea   | 20.4           |
| 887  | Supply and connect of HDMI (Male – Male) cable up to 3.0m                                                                                                                                                             | No   | 55.25          |
| 888  | Supply and connect of HDMI (Male – Male) cable 3.0m to 15.0m                                                                                                                                                          | No   | 182.75         |
| 889  | Supply and connect of VGA Cable up to 3.0m                                                                                                                                                                            | No   | 23.8           |
| 890  | Supply and connect of VGA Cable 3.0m to 15.0m                                                                                                                                                                         | No   | 80.75          |
| 891  | PA Speaker Cable of FR Type cable with conduit or any size                                                                                                                                                            | М    | 4.25           |
| 892  | Supply and replace including connecting up T8 Fluorescent 36W Light Tube                                                                                                                                              | No   | 8.08           |
| 893  | Supply and replace including connecting up 2ft LED light Tube                                                                                                                                                         | No   | 15.3           |
| 894  | Supply and replace including connecting up 4ft LED light Tube                                                                                                                                                         | No   | 18.7           |
| 895  | Supply and replace including connecting up E27 lamp up to 14.5W                                                                                                                                                       | No   | 18.7           |
| 896  | LED Driver for lights                                                                                                                                                                                                 | No   | 55.25          |
| 897  | Supply and replace including connecting up USB Single Charging Port                                                                                                                                                   | No   | 76.5           |
| 898  | Supply and replace including connecting up USB Single Charging Port Outlet                                                                                                                                            | No   | 119            |
| 899  | Supply and replace vortices fully automated Hand Dryer (Model: ECO 19330) or other equivalent including connection to the power supply, testing, removal of existing hand dryer off site and make good work disturbed | No   | 297.5          |
| 900  | Supply and installation of 1 set of induction cooker with lateral control hob, 3500W                                                                                                                                  | No   | 501.5          |
| 901  | Supply and install new or replace Bosch 6W Speaker or equivalent                                                                                                                                                      | No   | 68             |
| 902  | Supply and install new or replace Bosch 10W Horn Speaker or equivalent                                                                                                                                                | No   | 106.25         |
| 903  | Supply and install new or replace Bosch 20W Horn Speaker or equivalent                                                                                                                                                | No   | 114.75         |
| 904  | Supply and install new or replace Highbay LED 100W lighting fitting                                                                                                                                                   | No.  | 255            |
|      |                                                                                                                                                                                                                       |      |                |

## PRICE SCHEDULE OF RATES IV - PLUMBING AND SANITARY

## 1. MAINTENANCE, REPAIRS, ADDITIONS & ALTERATIONS

| To supply, install or replace Roof to galvanised storage tank gauge 12 complete with cover not exceeding 0.5m <sup>-2</sup> .  To supply, install or replace Roof to galvanised storage tank gauge 12 complete with cover not exceeding 0.5m <sup>-3</sup> but not exceeding 1.0m <sup>-3</sup> but not exceeding 1.0m <sup>-3</sup> .  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m <sup>-3</sup> but not exceeding 1.5m <sup>-3</sup> .  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m <sup>-3</sup> but not exceeding 1.5m <sup>-3</sup> .  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m <sup>-3</sup> but not exceeding 2.0m <sup>-3</sup> .  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m <sup>-3</sup> but not exceeding 3.0m <sup>-3</sup> .  EACH 420.75  To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel clasts, stays, stainless steel water tank and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  EACH 8,389.50 | S/No | Description                                           | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------|------|----------------|
| complete with cover not exceeding 0.5m ³.  2 To supply, install or replace Roof to galvanised storage tank gauge 12 complete with cover not exceeding 0.5m ³ but not exceeding 1.0m3.  3 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m ³ but not exceeding 1.5m ³.  4 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m ³ but not exceeding 2.5m ³.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m ³ but not exceeding 2.0m ³.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m ³ but not exceeding 3.0m ³.  6 To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised ank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace 3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                               | 1    | To supply, install or replace Roof to                 | EACH | 224.40         |
| To supply, install or replace Roof to galvanised storage tank gauge 12 complete with cover not exceeding 0.5m 3 but not exceeding 1.0m3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m 3 but not exceeding 1.5m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.5m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 5.  To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel botts, nuts and washers within the tank, electro-galvanised steel botts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  8ACH 8,389.50                                                                                                                                                                                                               |      | galvanised storage tank gauge 12                      |      |                |
| galvanised storage tank gauge 12 complete with cover not exceeding 0.5m 3 but not exceeding 1.0m3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m 3 but not exceeding 1.5m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 3.  To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  EACH 8,389.50                                                                                                                                                                                                                                                     |      | complete with cover not exceeding 0.5m <sup>3</sup> . |      |                |
| complete with cover not exceeding 0.5m 3 but not exceeding 1.0m3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m 3 but not exceeding 1.5m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 3.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 3.  To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  8ACH 8,389.50                                                                                                                                                                                                                                                                                      | 2    | To supply, install or replace Roof to                 | EACH | 271.15         |
| To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m 3 but not exceeding 1.5m 3.  4 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 2.0m 3.  6 To supply, install or replace 4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  8ACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                       |      |                |
| galvanised storage water tank gauge 12 complete with cover not exceeding 1.0m 3 but not exceeding 1.5m 3.  4 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 3.  6 To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  8 EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | but not exceeding 1.0m3.                              |      |                |
| complete with cover not exceeding 1.0m ³ but not exceeding 1.5m ³.  4 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m ³ but not exceeding 2.0m ³.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m ³ but not exceeding 3.0m ³.  6 To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3    | To supply, install or replace Roof to                 | EACH | 327.25         |
| 4 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m 3 but not exceeding 2.0m 3.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 3.  6 To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                       |      |                |
| galvanised storage water tank gauge 12 complete with cover not exceeding 1.5m ³ but not exceeding 2.0m ³.  5 To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m ³ but not exceeding 3.0m ³.  6 To supply, install or replace EACH 10,388.70  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50  3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                       |      |                |
| complete with cover not exceeding 1.5m ³ but not exceeding 2.0m ³.  To supply, install or replace Roof to galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m ³ but not exceeding 3.0m ³.  To supply, install or replace  EACH  420.75  EACH  420.75  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  To supply, install or replace  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70  EACH  10,388.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4    | To supply, install or replace Roof to                 | EACH | 374.00         |
| but not exceeding 2.0m <sup>3</sup> .  To supply, install or replace Roof to  galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m <sup>3</sup> but not exceeding 3.0m <sup>3</sup> .  To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | galvanised storage water tank gauge 12                |      |                |
| To supply, install or replace Roof to  galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m 3 but not exceeding 3.0m 3.  To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  EACH  8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | complete with cover not exceeding 1.5m <sup>3</sup>   |      |                |
| galvanised storage water tank gauge 12 complete with cover not exceeding 2.5m ³ but not exceeding 3.0m ³.  6 To supply, install or replace EACH 10,388.70  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50  3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | but not exceeding 2.0m <sup>3</sup> .                 |      |                |
| complete with cover not exceeding 2.5m ³ but not exceeding 3.0m ³.  6 To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5    | To supply, install or replace Roof to                 | EACH | 420.75         |
| but not exceeding 3.0m <sup>3</sup> .  6 To supply, install or replace EACH 10,388.70  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | galvanised storage water tank gauge 12                |      |                |
| To supply, install or replace  4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  To supply, install or replace  EACH  8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | complete with cover not exceeding 2.5m <sup>3</sup>   |      |                |
| 4880mm x 2440mm x 2440mm x 2.5mm thick pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | but not exceeding 3.0m <sup>3</sup> .                 |      |                |
| pressed stainless steel water tank complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6    | To supply, install or replace                         | EACH | 10,388.70      |
| complete with colour coated profiled galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                       |      |                |
| galvanised tank cover (0.55mm thick), stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | ·                                                     |      |                |
| stainless steel cleats, stays, stainless steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  EACH 8,389.50  3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | ·                                                     |      |                |
| steel bolts, nuts and washers within the tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                       |      |                |
| tank, electro-galvanised steel bolts, nuts and washers outside the tanks and all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  EACH 8,389.50  3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | ·                                                     |      |                |
| all other necessary fittings including adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50 3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                       |      |                |
| adjustment, connections to piping, cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace  3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | nuts and washers outside the tanks and                |      |                |
| cleaning and making good work disturbed (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50 3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                       |      |                |
| (Use of crane measured separately).  7 To supply, install or replace EACH 8,389.50  3660mm x 2440mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                       |      |                |
| 3660mm x 2440mm x 2.5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                       |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7    | To supply, install or replace                         | EACH | 8,389.50       |
| pressed stainless steel water tank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | 3660mm x 2440mm x 2440mm x 2.5mm thick                |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | pressed stainless steel water tank                    |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | complete with colour coated profiled     |      |                |
|      | galvanised tank cover (0.55mm thick),    |      |                |
|      | stainless steel cleats, stays, stainless |      |                |
|      | steel bolts, nuts and washers within the |      |                |
|      | tank, electro-galvanised steel bolts,    |      |                |
|      | nuts and washers outside the tanks and   |      |                |
|      | all other necessary fittings including   |      |                |
|      | adjustment, connections to piping,       |      |                |
|      | cleaning and making good work disturbed  |      |                |
|      | (Use of crane measured separately).      |      |                |
| 8    | To supply, install or replace            | EACH | 7,461.30       |
|      | 2440mm x 2440mm x 2440mm x 2.5mm thick   |      |                |
|      | pressed stainless steel water tank       |      |                |
|      | complete with colour coated profiled     |      |                |
|      | galvanised tank cover (0.55mm thick),    |      |                |
|      | stainless steel cleats, stays, stainless |      |                |
|      | steel bolts, nuts and washers within the |      |                |
|      | tank, electro-galvanised steel bolts,    |      |                |
|      | nuts and washers outside the tanks and   |      |                |
|      | all other necessary fittings including   |      |                |
|      | adjustment, connections to piping,       |      |                |
|      | cleaning and making good work disturbed  |      |                |
|      | (Use of crane measured separately)       |      |                |
| 9    | To supply, install or replace            | EACH | 4,516.05       |
|      | 4880mm x 1220mm x 1220mm x 2.5mm thick   |      |                |
|      | pressed stainless steel water tank       |      |                |
|      | complete with colour coated profiled     |      |                |
|      | galvanised tank cover (0.55mm thick),    |      |                |
|      | stainless steel cleats, stays, stainless |      |                |
|      | steel bolts, nuts and washers within the |      |                |
|      | tank, electro-galvanised steel bolts,    |      |                |
|      | nuts and washers outside the tanks and   |      |                |
|      | all other necessary fittings including   |      |                |
|      | adjustment, connections to piping,       |      |                |
|      | cleaning and making good work disturbed  |      |                |
|      | (Use of crane measured separately)       |      |                |
| 10   | To supply, install or replace            | EACH | 3,534.30       |
|      |                                          |      | 2,22 1.00      |
|      | 3660mm x 1220mm x 1220mm x 2.5mm thick   |      |                |
|      | pressed stainless steel water tank       |      |                |
|      | complete with colour coated profiled     |      |                |
|      | galvanised tank cover (0.55mm thick),    |      |                |
|      | stainless steel cleats, stays, stainless |      |                |
|      | steel bolts, nuts and washers within the |      |                |
|      | tank, electro-galvanised steel bolts,    |      |                |
|      | nuts and washers outside the tanks and   |      |                |
|      | all other necessary fittings including   |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | adjustment, connections to piping,       |      |                |
|      | cleaning and making good work disturbed  |      |                |
|      | (Use of crane measured separately)       |      |                |
| 11   | To supply, install or replace            | EACH | 2,552.55       |
|      | 2440mm x 1220mm x 1220mm x 2.5mm thick   |      |                |
|      | pressed stainless steel water tank       |      |                |
|      | complete with colour coated profiled     |      |                |
|      | galvanised tank cover (0.55mm thick),    |      |                |
|      | stainless steel cleats, stays, stainless |      |                |
|      | steel bolts, nuts and washers within the |      |                |
|      | tank, electro-galvanised steel bolts,    |      |                |
|      | nuts and washers outside the tanks and   |      |                |
|      | all other necessary fittings including   |      |                |
|      | adjustment, connections to piping,       |      |                |
|      | cleaning and making good work disturbed  |      |                |
|      | (Use of crane measured separately).      |      |                |
| 12   | To supply, install or replace            | EACH | 1,570.80       |
|      | 1220mm x 1220mm x 1220mm x 2.5mm thick   |      |                |
|      | pressed stainless steel water tank       |      |                |
|      | complete with colour coated profiled     |      |                |
|      | galvanised tank cover (0.55mm thick),    |      |                |
|      | stainless steel cleats, stays, stainless |      |                |
|      | steel bolts, nuts and washers within the |      |                |
|      | tank, electro-galvanised steel bolts,    |      |                |
|      | nuts and washers outside the tanks and   |      |                |
|      | all other necessary fittings including   |      |                |
|      | adjustment, connections to piping,       |      |                |
|      | cleaning and making good work disturbed  |      |                |
|      | (Use of crane measured separately)       |      |                |
| 13   | To supply , install or replace           | EACH | 1,473.05       |
|      | 1.20m x 1.20m x 1.20m high x 2.5mm thick |      |                |
|      | stainless steel water tank complete with |      |                |
|      | colourbond spandek cover (0.66mm thick), |      |                |
|      | stainless steel cleats, stays,           |      |                |
|      | seelastrip, stainless steel bolts, nuts, |      |                |
|      | and washers within the tank, electro-    |      |                |
|      | galvanised steel bolts, nuts and washers |      |                |
|      | outside the tank and all other necessary |      |                |
|      | fittings including adjustment,           |      |                |
|      | connections to piping, cleaning and      |      |                |
|      | making good work disturbed (Use of crane |      |                |
|      | measured separately).                    |      |                |
| 14   | To supply, install or replace            | EACH | 2,356.20       |
|      | 2.40m x 1.20m x 1.20m high x 2.5mm thick |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | stainless steel water tank complete with |      |                |
|      | colourbond spandek cover (0.66mm thick), |      |                |
|      | stainless steel cleats, stays,           |      |                |
|      | seelastrip, stainless steel bolts, nuts, |      |                |
|      | and washers within the tank, electro-    |      |                |
|      | galvanised steel bolts, nuts and washers |      |                |
|      | outside the tank and all other necessary |      |                |
|      | fittings including adjustment,           |      |                |
|      | connections to piping, cleaning and      |      |                |
|      | making good work disturbed (Use of crane |      |                |
|      | measured separately).                    |      |                |
| 15   | To supply, install or replace            | EACH | 7,363.55       |
|      | 4.80m x 2.40m x 1.20m high x 2.5mm thick |      |                |
|      | stainless steel water tank complete with |      |                |
|      | colourbond spandek cover (0.66mm thick), |      |                |
|      | stainless steel cleats, stays,           |      |                |
|      | seelastrip, stainless steel bolts, nuts  |      |                |
|      | and washers within the tank, electro-    |      |                |
|      | galvanised steel bolts, nuts and washers |      |                |
|      | outside the tank and all other necessary |      |                |
|      | fittings including adjustment,           |      |                |
|      | connections to piping, cleaning and      |      |                |
|      | making good work disturbed (Use of crane |      |                |
|      | measured separately).                    |      |                |
| 16   | To supply, install or replace            | EACH | 1,768.00       |
|      |                                          |      |                |
|      | 1.0m x 1.0m x 1.0m high approved         |      |                |
|      | fibreglass press-moulded sectional water |      |                |
|      | tank complete with inlet, outlet, drain, |      |                |
|      | airvent, man-hole cover, internal and    |      |                |
|      | external ladder, etc including all       |      |                |
|      | necessary connections and adjustment to  |      |                |
|      | piping.                                  |      |                |
| 17   | To supply, install or replace            | EACH | 2,598.45       |
|      | 1.0m x 2.0m x 1.0m high approved         |      |                |
|      | fibreglass press-moulded sectional water |      |                |
|      | tank complete with inlet, outlet, drain, |      |                |
|      | airvent, man-hole cover, internal and    |      |                |
|      | external ladder, etc including all       |      |                |
|      | necessary connections and adjustment to  |      |                |
|      | piping.                                  |      |                |
| 18   | To supply, install or replace            | EACH | 3,327.75       |
|      | 1 0 m v 2 0 m v 1 0 m high angressed     |      |                |
|      | 1.0m x 3.0m x 1.0m high approved         |      |                |
|      | fibreglass press-moulded sectional water |      |                |
|      | tank complete with inlet, outlet, drain, |      |                |

| S/No | Description                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | airvent, man-hole cover, internal and external ladder, etc including all necessary connections and adjustment to piping.                                                                                                                    |      |                |
| 19   | To supply, install or replace                                                                                                                                                                                                               | EACH | 4,054.50       |
|      | 1.0m x 4.0m x 1.0m high approved fibreglass press-moulded sectional water tank complete with inlet, outlet, drain, airvent, man-hole cover, internal and external ladder, etc including all necessary connections and adjustment to piping. |      |                |
| 20   | To supply, install or replace                                                                                                                                                                                                               | EACH | 4,830.55       |
|      | 1.0m x 5.0m x 1.0m high approved fibreglass press-moulded sectional water tank complete with inlet, outlet, drain, airvent, man-hole cover, internal and external ladder, etc including all necessary connections and adjustment to piping. |      |                |
| 21   | To supply, install or replace                                                                                                                                                                                                               | EACH | 3,710.25       |
|      | 2.0m x 2.0m x 1.0m high approved fibreglass press-moulded sectional water tank complete with inlet, outlet, drain, airvent, man-hole cover, internal and external ladder, etc including all necessary connections and adjustment to piping. |      |                |
| Item | Description                                                                                                                                                                                                                                 | Unit | #VALUE!        |
| 22   | To supply, install or replace                                                                                                                                                                                                               | EACH | 4,865.40       |
|      | 2.0m x 3.0m x 1.0m high approved fibreglass press-moulded sectional water tank complete with inlet, outlet, drain, airvent, man-hole cover, internal and external ladder, etc including all necessary connections and adjustment to piping. |      |                |
| 23   | To supply, install or replace                                                                                                                                                                                                               | EACH | 6,005.25       |
|      | 2.0m x 4.0m x 1.0m high approved fibreglass press-moulded sectional water tank complete with inlet, outlet, drain,                                                                                                                          |      |                |

| S/No | Description                                                                       | Unit  | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|-------|----------------|
|      | airvent, man-hole cover, internal and                                             |       |                |
|      | external ladder, etc including all necessary connections and adjustment to        |       |                |
|      | piping.                                                                           |       |                |
|      |                                                                                   |       |                |
| 24   | To supply, install or replace                                                     | EACH  | 7,114.50       |
|      | 2 Out of One of One high annual of                                                |       |                |
|      | 2.0m x 5.0m x 1.0m high approved fibreglass press-moulded sectional water         |       |                |
|      | tank complete with inlet, outlet, drain,                                          |       |                |
|      | airvent, man-hole cover, internal and                                             |       |                |
|      | external ladder, etc including all                                                |       |                |
|      | necessary connections and adjustment to                                           |       |                |
|      | piping.                                                                           |       |                |
| 25   | To overally install an earling                                                    | FACIL | 4.046.25       |
| 25   | To supply, install or replace                                                     | EACH  | 4,016.25       |
|      | 1.0m x 1.0m x 2.5m high approved                                                  |       |                |
|      | fibreglass press-moulded sectional water                                          |       |                |
|      | tank complete with inlet, outlet, drain,                                          |       |                |
|      | airvent, man-hole cover, internal and                                             |       |                |
|      | external ladder, etc including all                                                |       |                |
|      | necessary connections and adjustment to                                           |       |                |
|      | piping.                                                                           |       |                |
| 26   | To supply, install or replace                                                     | EACH  | 5,840.35       |
|      | 1.0m x 2.0m x 2.5m high approved                                                  |       |                |
|      | fibreglass press-moulded sectional water                                          |       |                |
|      | tank complete with inlet, outlet, drain,                                          |       |                |
|      | airvent, man-hole cover, internal and                                             |       |                |
|      | external ladder, etc including all                                                |       |                |
|      | necessary connections and adjustment to                                           |       |                |
|      | piping.                                                                           |       |                |
| 27   | To supply, install or replace                                                     | EACH  | 7,627.05       |
|      |                                                                                   |       |                |
|      | 1.0m x 3.0m x 2.5m high approved                                                  |       |                |
|      | fibreglass press-moulded sectional water tank complete with inlet, outlet, drain, |       |                |
|      | airvent, man-hole cover, internal and                                             |       |                |
|      | external ladder, etc including all                                                |       |                |
|      | necessary connections and adjustment to                                           |       |                |
|      | piping.                                                                           |       |                |
| 28   | To supply, install or replace                                                     | EACH  | 988.55         |
|      |                                                                                   |       |                |
|      | 1.0m x 4.0m x 2.5m high approved                                                  |       |                |
|      | fibreglass press-moulded sectional water                                          |       |                |
|      | tank complete with inlet, outlet, drain, airvent, man-hole cover, internal and    |       |                |
|      | external ladder, etc including all                                                |       |                |
| I    |                                                                                   |       | l l            |

| S/No | Description                                                                       | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|------|----------------|
|      | necessary connections and adjustment to                                           |      |                |
|      | piping.                                                                           |      |                |
|      |                                                                                   |      |                |
| 29   | To supply, install or replace                                                     | EACH | 1,725.50       |
|      | 1.0m v F.0m v 2.5m high approved                                                  |      |                |
|      | 1.0m x 5.0m x 2.5m high approved fibreglass press-moulded sectional water         |      |                |
|      | tank complete with inlet, outlet, drain,                                          |      |                |
|      | airvent, man-hole cover, internal and                                             |      |                |
|      | external ladder, etc including all                                                |      |                |
|      | necessary connections and adjustment to                                           |      |                |
|      | piping.                                                                           |      |                |
|      |                                                                                   |      |                |
| 30   | To supply, install or replace                                                     | EACH | 5,513.95       |
|      |                                                                                   |      |                |
|      | 2.0m x 2.0m x 2.5m high approved                                                  |      |                |
|      | fibreglass press-moulded sectional water                                          |      |                |
|      | tank complete with inlet, outlet, drain,                                          |      |                |
|      | airvent, man-hole cover, internal and external ladder, etc including all          |      |                |
|      | necessary connections and adjustment to                                           |      |                |
|      | piping.                                                                           |      |                |
|      | F.F. O.                                                                           |      |                |
| 31   | To supply, install or replace                                                     | EACH | 7,123.85       |
|      | 2 Oze v 2 Oze v 2 Fize high annual vad                                            |      |                |
|      | 2.0m x 3.0m x 2.5m high approved                                                  |      |                |
|      | fibreglass press-moulded sectional water tank complete with inlet, outlet, drain, |      |                |
|      | airvent, man-hole, cover, internal and                                            |      |                |
|      | external ladder, etc including all                                                |      |                |
|      | necessary connections and adjustment to                                           |      |                |
|      | piping.                                                                           |      |                |
|      |                                                                                   |      |                |
| 32   | To supply, install or replace                                                     | EACH | 8,756.70       |
|      | 2.0m x 4.0m x 2.5m high approved                                                  |      |                |
|      | fibreglass press-moulded sectional water                                          |      |                |
|      | tank complete with inlet, outlet, drain,                                          |      |                |
|      | airvent, man-hole cover, internal and                                             |      |                |
|      | external ladder, etc including all                                                |      |                |
|      | necessary connectionsand adjustment to                                            |      |                |
|      | piping.                                                                           |      |                |
|      |                                                                                   |      |                |
| 33   | To supply, install or replace                                                     | EACH | 10,352.15      |
|      | 2.0m x 5.0m x 2.5m high approved                                                  |      |                |
|      | fibreglass press-moulded sectional water                                          |      |                |
|      | tank complete with inlet, outlet, drain,                                          |      |                |
|      | airvent, man-hole cover, internal and                                             |      |                |
|      | external ladder, etc including all                                                |      |                |
|      | necessary connections and adjustment to                                           |      |                |
|      | piping.                                                                           |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| Item | Description                                                                                                                                                                                                                                                                                                                                                            | Unit | #VALUE!        |
| 34   | To supply, install or replace                                                                                                                                                                                                                                                                                                                                          | EACH | 2,185.35       |
|      | 1.0m x 1.0m x 1.5m high (1,500 litres) approved prefabricated fibreglass reinforced polyester (FRP) panel water tank complete with cover, ladders, manhole and other accessories and installing in any position including fixing with gaskets, bolts, etc adjustment, connections to existing/new pipes and cleaning, all in accordance to manufacturer's instruction. |      |                |
| 35   | To supply, install or replace  1.0m x 5.0m x 1.5m high (7,500 litres) approved prefabricated fibreglass reinforced polyester (FRP) panel water tank complete with cover, ladders, manhole and other accessories and installing in any position including fixing with gaskets, bolts, etc                                                                               | EACH | 7,876.10       |
|      | adjustment, connections to existing/new pipes and cleaning, all in accordance to manufacturer's instruction.                                                                                                                                                                                                                                                           |      |                |
| 36   | 1.22m x 1.22m x 1.22m deep x 3.12mm thick (1,818 litres) pressed steel storage tank or other equal and approved type (excluding cover) and for installing in any position, twisting, all necessary connections, adjustment to existing/new pipes and making good work disturbed.(Lining/painting measured                                                              | EACH | 628.15         |
| 37   | To supply, install or replace  1.22m x 1.22m x 1.22m deep x 5mm thick (1,818 litres) pressed steel storage tank or other equal and approved type                                                                                                                                                                                                                       | EACH | 716.55         |
|      | (excluding cover) and for installing in any position, twisting, all necessary connections, adjustment to existing/new pipes and making good work disturbed.  (Lining/painting measured separately).                                                                                                                                                                    |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 38   | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH | 510.85         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | in addition to each additional stage of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | 1,818 litres capacity (excluding cover)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | to 1.22m x 1.22m deep x 3.12mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | Pressed Steel Storage Tank or other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | equal and approved type and for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | installing in any position, twisting,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | all necessary connections, adjustment to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | existing/new pipes and making good work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | disturbed. (Lining/painting measured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | separately).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 39   | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH | 581.40         |
|      | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |      | 302110         |
|      | in addition to each additional stage of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | 1,818 litres capacity (excluding cover)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | to 1.22m x 1.22m deep x 5mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | Pressed Steel Storage Tank or other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | equal and approved typeand for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | installing in any position, twisting,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | all necessary connection, adjustment to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | existing/new pipes and making good work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | disturbed (Lining/painting measured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | separately).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
| 40   | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH | 510.85         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | in addition to each additional stage of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | 1,818 litres capacity (excluding cover)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | to 1.22m x 1.22m x 5mm deep x 3.2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | thick Pressed Steel Storage Tank or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | other equal and approved type and for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | installing in any position, twisting, all necessary connections, adjustment to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                |
|      | existing/new pipes and making good work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | disturbed. (Lining/painting measured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | separately).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 41   | To supply labour, materials, tools and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH | 24,650.00      |
|      | transport for the installation or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | replacement of Storage Water Tank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | dimension : 4800mm x 2400mm x 2400mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | x 2.5mm thick grade 316 pressed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
|      | stainless steel water tank, complete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | with stainless steel cover, access                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | openings, stainless steel cleats, stays,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | bolts, nuts and washers with external                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | aluminum ladder and internal stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
|      | steel ladder and all other necessary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                |
|      | accessories and fittings (use of crane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |

| S/No | Description                              | Unit  | Unit Cost (\$) |
|------|------------------------------------------|-------|----------------|
|      | measured separately) The size given is   |       |                |
|      | approximate.                             |       |                |
|      |                                          |       |                |
| 42   | To supply labour, materials, tools and   | EACH  | 19,720.00      |
|      |                                          |       |                |
|      | transport for the installation or        |       |                |
|      | replacement of Storage Water Tank        |       |                |
|      | dimension : 3600mm x 2400mm x 2400mm     |       |                |
|      | x 2.5mm thick grade 316 pressed          |       |                |
|      | stainless steel water tank, complete     |       |                |
|      | with stainless steel cover, access       |       |                |
|      | openings, stainless steel cleats, stays, |       |                |
|      | bolts, nuts and washers with external    |       |                |
|      | aluminum ladder and internal stainless   |       |                |
|      | steel ladder and all other necessary     |       |                |
|      | accessories and fittings (use of crane   |       |                |
|      | measured separately) The size given is   |       |                |
|      | approximate.                             |       |                |
| 43   | To supply labour, materials, tools and   | EACH  | 14,790.00      |
| 43   | To supply labout, materials, tools and   | LACIT | 14,790.00      |
|      | transport for the installation or        |       |                |
|      | replacement of Storage Water Tank        |       |                |
|      | dimension : 2400mm x 1200mm x 1200mm     |       |                |
|      | x 2.5mm thick grade 316 pressed          |       |                |
|      | stainless steel water tank, complete     |       |                |
|      | with stainless steel cover, access       |       |                |
|      | openings, stainless steel cleats, stays, |       |                |
|      | bolts, nuts and washers with external    |       |                |
|      | aluminum ladder and internal stainless   |       |                |
|      | steel ladder and all other necessary     |       |                |
|      | accessories and fittings (use of crane   |       |                |
|      | measured separately) The size given is   |       |                |
|      | approximate.                             |       |                |
|      |                                          |       |                |
| 44   | To supply, install or replace Aluminium  | MR    | 46.75          |
|      |                                          |       |                |
|      | ladder of approved design and size, for  |       |                |
|      | use in water tank.                       |       |                |
| 45   | To provide labour, materials, tools,     | JOB   | 238.00         |
| 43   | To provide labour, materials, tools,     | JOB   | 236.00         |
|      | equipment and transport to carry out the |       |                |
|      | Chemical Flushing (approved chemical) to |       |                |
|      | existing copper pipes including all      |       |                |
|      | necessary pipe setup and send water      |       |                |
|      | sample to approved laboratory for        |       |                |
|      | testing ( all testing fees included )    |       |                |
|      | and to make good to all pipework         |       |                |
|      | disturbed upon completion. (For 1 - 20   |       |                |
|      | tap points)                              |       |                |
|      |                                          |       |                |
|      |                                          |       | •              |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 46   | To provide labour, materials, tools,     | JOB  | 212.50         |
|      |                                          |      |                |
|      | equipment and transport to carry out the |      |                |
|      | Chemical Flushing (approved chemical) to |      |                |
|      | existing copper pipes including all      |      |                |
|      | necessary pipe setup and send water      |      |                |
|      | sample to approved laboratory for        |      |                |
|      | testing ( all testing fees included )    |      |                |
|      | and to make good to all pipework         |      |                |
|      | disturbed upon completion (For more than |      |                |
|      | 20 tap points)                           |      |                |
| 47   | To provide labour, materials, tools,     | JOB  | 212.50         |
|      | equipment and transport to carry out the |      |                |
|      | Mechanical Flushing to existing copper   |      |                |
|      | pipes including all necessary pipe setup |      |                |
|      | and send water sample to approved        |      |                |
|      | laboratory for testing ( all testing     |      |                |
|      | fees included ) and to make good to all  |      |                |
|      | pipework disturbed upon completion (For  |      |                |
|      | more than 20 tap points)                 |      |                |
| 48   | To provide labour, materials, tools,     | JOB  | 170.00         |
|      | equipment and transport to carry out the |      |                |
|      | Mechanical Flushing to existing copper   |      |                |
|      | pipes including all necessary pipe setup |      |                |
|      | and send water sample to approved        |      |                |
|      | laboratory for testing ( all testing     |      |                |
|      | fees included ) and to make good to all  |      |                |
|      | pipework disturbed upon completion (For  |      |                |
|      | more than 20 tap points)                 |      |                |
| 49   | To provide labour, materials, tools,     | JOB  | 170.00         |
|      | equipment and transport to carry out the |      |                |
|      | Mechanical Flushing to existing copper   |      |                |
|      | pipes including all necessary pipe setup |      |                |
|      | and send water sample to approved        |      |                |
|      | laboratory for testing ( all testing     |      |                |
|      | fees included ) and to make good to all  |      |                |
|      | pipework disturbed upon completion (For  |      |                |
|      | more than 20 tap points)                 |      |                |
| 50   | To supply labour, materials, tools and   | м2   | 14.22          |
|      | transport to wash, clean and paint       |      |                |
|      | internal surfaces of existing water tank |      |                |
|      | with "Shell Bituminous Solution PF4" or  |      |                |
|      | other approved equivalent (Actual area   |      |                |
|      | done measured).                          |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                          | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 51   | To supply labour, materials, chemicals,                                                                                                                                                                                                                                                                                                              | м2   | 63.75          |
|      | transport, tools and equipments for washing, cleaning, reconditioning and painting internal surfaces of existing water tank with approved bituminous solution/epoxy solution and line the tank with polyethylene (PE) lining all in accordance with the manufacturer's instructions (Inclusive of 5 year warranty).                                  |      |                |
| 52   | To supply labour, materials, chemicals,                                                                                                                                                                                                                                                                                                              | м2   | 2.72           |
|      | transport, tools and equipments for washing, flushing and cleaning internal surface and structure of water tank (Any Type) to remove rust, scales, sand, other sediments and etc by using power brush and tools including refilling with clean water upon completion.                                                                                |      |                |
| 53   | To supply labour, materials, chemicals,                                                                                                                                                                                                                                                                                                              | м3   | 22.10          |
|      | transport, tools and equipments for washing, flushing and cleaning internal surface and structure of water tank )Any Type) to remove rust, scales, sand, other sediments and etc by using non-conventional method ie. chemical washing inclusive of risk assessment reports equipments and personnel and refilling with clean water upon completion. |      |                |
| 54   | Not In Use                                                                                                                                                                                                                                                                                                                                           | -    |                |
| 55   | Not In Use                                                                                                                                                                                                                                                                                                                                           | -    |                |
| 56   | Not In Use                                                                                                                                                                                                                                                                                                                                           | -    |                |
| 57   | To supply labour, equipments and                                                                                                                                                                                                                                                                                                                     | EACH | 38.25          |
|      | materials for testing of water samples including transportation from site and submission of test reports for Physical, Chemical and Bacteriological to ensure the tank water is fit for human consumption.                                                                                                                                           |      |                |
| 58   | To provide a qualified Safety Assessor                                                                                                                                                                                                                                                                                                               | JOB  | 170.00         |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | personnel to conduct testing and         |      |                |
|      | detecting gasses for confined space      |      |                |
|      | (such as manhole, water tanks and etc.)  |      |                |
|      | including all the necessary equipments,  |      |                |
|      | tool and machinery and complete with     |      |                |
|      | submission of Test Report. (Rate per     |      |                |
|      | Attendance)                              |      |                |
| 59   | Professional Engineer to design,         | JOB  | 415.44         |
|      | supervise the installation, testing and  |      |                |
|      | commissioning including certification    |      |                |
|      | on fire protection system installed      |      |                |
| 60   | Prepare of the complete coloured         | JOB  | 83.73          |
|      | As Build Drawing for any type of         |      |                |
|      | services (on a per area basis)           |      |                |
| 61   | To supply all labour, materials,         | м2   | 46.84          |
|      | transport, tools, and equipments for     |      |                |
|      | apply epoxy coating(0.3 - 0.5mm thick)   |      |                |
|      | to internal surfaces and structure.      |      |                |
| 62   | To supply and lined internal faces of    | м2   | 82.96          |
|      | water tank with 2mm thick 'HDPE' high    |      |                |
|      | density polyethylene sheet all in        |      |                |
|      | accordance with the manufacturer's       |      |                |
|      | instructions (Height of tank: 1.20m or   |      |                |
|      | up to 2.40m) inclusive of 5 year         |      |                |
|      | warranty including dismantle all         |      |                |
|      | tank covers, clean, scrap/brush to       |      |                |
|      | remove loose rust and scale, apply one   |      |                |
|      | coat of PUB approved rust converter.     |      |                |
| 63   | To supply and lined internal faces of    | м2   | 94.61          |
|      | water tank with 2mm thick 'HDPE' high    |      |                |
|      | density polyethylene sheet all in        |      |                |
|      | accordance with the manufacturer's       |      |                |
|      | instructions (Height of tank: 2.4m and   |      |                |
|      | above) inclusive of 5 year warranty      |      |                |
|      | including dismantle all tank covers,     |      |                |
|      | clean, scrap/brush to remove loose rust  |      |                |
|      | and scale apply one coat of PUB approved |      |                |
|      | rust converter.                          |      |                |
| 64   | To supply and lined internal faces of    | м2   | 120.11         |
|      | water tank with 2mm thick "HDPE" high    |      |                |

| S/No | Description                                                                       | Unit     | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------|----------|----------------|
|      | density polyethylene sheet all in                                                 |          |                |
|      | accordance with the manufacturer's instructions (Height of tank: 3.60m)           |          |                |
|      | (inclusive of 5 years warranty)                                                   |          |                |
|      | , ,,                                                                              |          |                |
| 65   | To replace the water tank internal mild                                           | MR       | 91.80          |
|      | steel braces with stainless steel grade                                           |          |                |
|      | 316 angle section (50 x 50 x 6mm thick)                                           |          |                |
|      | complete with cleats, bolts and nuts all                                          |          |                |
|      | in accordance with the manufacturer's                                             |          |                |
|      | instructions.                                                                     |          |                |
| 66   | Drill holes in existing storage tank                                              | EACH     | 10.12          |
|      | for pipe connections, including all                                               |          |                |
|      | necessary fittings, etc (rate for                                                 |          |                |
|      | each hole).                                                                       |          |                |
| C 7  | To overally install an earling                                                    | FACIL    | 442.44         |
| 67   | To supply, install or replace                                                     | EACH     | 113.14         |
|      | water tank cover of 24 SWG galvanised                                             |          |                |
|      | iron, not exceeding 1.50m <sup>2</sup> in area                                    |          |                |
|      | (measured on plan) of pyramoidal shape                                            |          |                |
|      | with beaded edges turned down and fixing on existing or new water tanks (painting |          |                |
|      | measured separately)                                                              |          |                |
|      |                                                                                   |          |                |
| 68   | To supply, install or replace                                                     | EACH     | 172.77         |
|      | in addition to each additional stage of                                           |          |                |
|      | 1.50m² in area (measured on plan).                                                |          |                |
| 60   | To supply install as scale as 450 mm                                              | E A CI I | 2 200 00       |
| 69   | To supply, install or replace 150mm                                               | EACH     | 2,380.00       |
|      | diameter approved high pressure brass                                             |          |                |
|      | valve come with brass arm and brass ball                                          |          |                |
|      | float in water tank including taking out                                          |          |                |
|      | existing set.                                                                     |          |                |
| 70   | To supply, install or replace 100mm                                               | EACH     | 159.04         |
|      |                                                                                   |          |                |
|      | diameter gate valve - brass.                                                      |          |                |
| 71   | Labour for repairing defective ball                                               | EACH     | 15.16          |
|      |                                                                                   |          |                |
|      | cock of water tank including renewing                                             |          |                |
|      | washer.                                                                           |          |                |
| 72   | To supply, install or replace 100mm                                               | EACH     | 21.08          |
|      |                                                                                   |          |                |
|      | rubber cup washer for lower tank ball                                             |          |                |

| S/No | Description                                                                                                                                                                                       | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | valve.                                                                                                                                                                                            |      |                |
| 73   | Labour and material for welding ball                                                                                                                                                              | JOB  | 21.08          |
|      | float to lever in water tank.                                                                                                                                                                     |      |                |
| 74   | Labour for repairing defective W.C.                                                                                                                                                               | EACH | 6.38           |
|      | cistern including renewing washer.                                                                                                                                                                |      |                |
| 75   | To supply, install or replace 15mm                                                                                                                                                                | MR   | 4.46           |
|      | diameter (0.7mm thick) surface run copper pipes to BS 2871 including taking down existing and disposed off site (any pipe fittings and chasing concrete or trench excavation measured separately) |      |                |
| 76   | To supply, install or replace 22mm                                                                                                                                                                | MR   | 6.29           |
|      | diameter (0.9mm thick) surface run copper pipes to BS 2871 including taking down existing and disposed off site (any pipe fittings and chasing concrete or trench excavation measured separately) |      |                |
| 77   | To supply, install or replace 28mm                                                                                                                                                                | MR   | 7.82           |
|      | diameter (0.9mm thick) surface run copper pipes to BS 2871 including taking down existing and disposed off site (any pipe fittings and chasing concrete or trench excavation measured separately) |      |                |
| 78   | To supply, install or replace 35mm                                                                                                                                                                | MR   | 10.54          |
|      | diameter (1.2mm thick) surface run copper pipes to BS 2871 including taking down existing and disposed off site (any pipe fittings and chasing concrete or trench excavation measured separately) |      |                |
| 79   | To supply, install or replace 42mm                                                                                                                                                                | MR   | 12.07          |
|      | diameter (1.2mm thick) surface run copper pipes to BS 2871 including taking down existing and disposed off site (any pipe fittings and chasing concrete or trench excavation measured separately) |      |                |
| 80   | To supply, install or replace 54mm                                                                                                                                                                | MR   | 16.02          |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | diameter (1.2mm thick) surface run                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | copper pipes to BS 2871 including taking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | down existing and disposed off site (any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | pipe fittings and chasing concrete or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | trench excavation measured separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 81   | To supply, install or replace 67mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MR   | 21.46          |
|      | diameter (1.2mm thick) surface run                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | copper pipes to BS 2871 including taking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | down existing and disposed off site (any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | pipe fittings and chasing concrete or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | trench excavation measured separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 82   | To supply, install or replace 76mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MR   | 34.38          |
|      | diameter (1.5mm thick) surface run                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | copper pipes to BS 2871 including taking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | down existing and disposed off site (any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | pipe fittings and chasing concrete or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | trench excavation measured separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
|      | , a construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the co |      |                |
| 83   | To supply, install or replace 108mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MR   | 44.29          |
|      | diameter (1.5mm thick) surface run                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                |
|      | copper pipes to BS 2871 including taking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | down existing and disposed off site (any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                |
|      | pipe fittings and chasing concrete or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                |
|      | trench excavation measured separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                |
| 84   | To supply, install or replace 15mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MR   | 7.14           |
|      | diameter (1.0mm thick) for buried                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | underground copper pipes to BS 2871                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | (any pipe fittings and chasing concrete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | or trench excavation measured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
|      | separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                |
| 85   | To supply, install or replace 22mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MR   | 9.73           |
|      | diameter (1.2mm thick) for buried                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | underground copper pipes to BS 2871                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | (any pipe fittings and chasing concrete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | or trench excavation measured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |
|      | separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                |
| 86   | To supply, install or replace 28mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MR   | 11.69          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -    |                |
|      | diameter (1.2mm thick) for buried                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                |
|      | underground copper pipes to BS 2871                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                |
|      | (any pipe fittings and chasing concrete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                |
|      | or trench excavation measured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                |

| separately)  87 To supply, install or replace 35mm  MR  diameter (1.5mm thick) for buried underground copper pipes to BS 2871 | 16.24<br>18.19 |
|-------------------------------------------------------------------------------------------------------------------------------|----------------|
| diameter (1.5mm thick) for buried underground copper pipes to BS 2871                                                         |                |
| underground copper pipes to BS 2871                                                                                           | 18.19          |
| underground copper pipes to BS 2871                                                                                           | 18.19          |
|                                                                                                                               | 18.19          |
| (any pipe fittings and chasing concrete                                                                                       | 18.19          |
| or trench excavation measured                                                                                                 | 18.19          |
| separately)                                                                                                                   | 18.19          |
| 88 To supply, install or replace 42mm MR                                                                                      |                |
| diameter (1.5mm thick) for buried                                                                                             |                |
| underground copper pipes to BS 2871                                                                                           |                |
| (any pipe fittings and chasing concrete                                                                                       |                |
| or trench excavation measured                                                                                                 |                |
| separately)                                                                                                                   |                |
| 89 To supply, install or replace 54mm MR                                                                                      | 22.10          |
| diameter (2.0mm thick) for buried                                                                                             |                |
| underground copper pipes to BS 2871                                                                                           |                |
| (any pipe fittings and chasing concrete                                                                                       |                |
| or trench excavation measured                                                                                                 |                |
| separately)                                                                                                                   |                |
|                                                                                                                               |                |
| 90 To supply, install or replace 67mm MR                                                                                      | 29.24          |
| diameter (2.0mm thick) for buried                                                                                             |                |
| underground copper pipes to BS 2871                                                                                           |                |
| (any pipe fittings and chasing concrete                                                                                       |                |
| or trench excavation measured                                                                                                 |                |
| separately)                                                                                                                   |                |
| 91 To supply, install or replace 76mm MR                                                                                      | 46.16          |
| diameter (2.0mm thick) for buried                                                                                             |                |
| underground copper pipes to BS 2871                                                                                           |                |
| (any pipe fittings and chasing concrete                                                                                       |                |
| or trench excavation measured                                                                                                 |                |
| separately)                                                                                                                   |                |
| 92 To supply, install or replace 108mm MR                                                                                     | 59.80          |
| diameter (2.5mm thick) for buried                                                                                             |                |
| underground copper pipes to BS 2871                                                                                           |                |
| (any pipe fittings and chasing concrete                                                                                       |                |
| or trench excavation measured                                                                                                 |                |
| separately)                                                                                                                   |                |
|                                                                                                                               |                |
| 93 To supply, install or replace 75mm EACH                                                                                    | 69.02          |

| S/No | Description                                                     | Unit  | Unit Cost (\$) |
|------|-----------------------------------------------------------------|-------|----------------|
|      | diameter Socket of approved                                     |       |                |
|      | dezincification resistance brass compression fittings to BS864. |       |                |
|      | compression names to accom-                                     |       |                |
| 94   | To supply, install or replace 75mm                              | EACH  | 34.99          |
|      | diameter union couplings copper pipe                            |       |                |
|      | fittings.                                                       |       |                |
| 0.5  | To complete in the Hamman Transport                             | FACU  | F 4 2 C        |
| 95   | To supply, install or replace 75mm                              | EACH  | 54.26          |
|      | diameter Tee copper pipe fittings.                              |       |                |
| 96   | To supply install or replace 75 mm                              | FACII | F0 03          |
| 90   | To supply, install or replace 75mm                              | EACH  | 50.83          |
|      | diameter Elbows pipe fittings                                   |       |                |
| 97   | To supply, install or replace 75mm                              | EACH  | 65.45          |
| 3,   | To supply, install of replace 7511111                           | LACIT | 05.45          |
|      | x 50mm diameter Reducers copper                                 |       |                |
|      | pipe fittings.                                                  |       |                |
| 98   | To supply, install or replace 75mm                              | EACH  | 51.32          |
|      | NA D.L. samman hand                                             |       |                |
|      | M.B.L. copper bend.                                             |       |                |
| 99   | To supply, install or replace 75mm                              | EACH  | 45.46          |
|      | M.B.L. copper elbow.                                            |       |                |
|      |                                                                 |       |                |
| 100  | To supply, install or replace 100mm                             | EACH  | 80.65          |
|      | M.B.L. copper bend.                                             |       |                |
|      |                                                                 |       |                |
| 101  | To supply, install or replace 100mm                             | EACH  | 80.65          |
|      | M.B.L. copper elbow.                                            |       |                |
| 102  | To supply, install or replace 75mm                              | EACH  | 22.46          |
| 102  | To supply, install of replace / Sillill                         | EACH  | 23.46          |
|      | M.B.L. copper socket.                                           |       |                |
| 103  | To supply, install or replace 100mm                             | EACH  | 41.06          |
|      |                                                                 |       | . = . 0 0      |
|      | M.B.L. copper socket.                                           |       |                |
| 104  | To supply, install or replace 75mm                              | EACH  | 99.71          |
|      | M.D.L. copper adoptor M.o.r. C                                  |       |                |
|      | M.B.L. copper adaptor M or F.                                   |       |                |
| 105  | To supply, install or replace 100mm                             | EACH  | 168.62         |
|      |                                                                 |       |                |

| S/No | Description                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------|------|----------------|
|      | M.B.L. copper adaptor M or F.             |      |                |
| 106  | To supply, install or replace 75mm        | EACH | 70.38          |
|      | M.B.L. copper Tee.                        |      |                |
| 107  | To supply, install or replace 100mm       | EACH | 109.97         |
|      | M.B.L. copper Tee.                        |      |                |
| 108  | To supply, install or replace 75mm        | EACH | 46.92          |
|      | M.B.L. copper reducer.                    |      |                |
| 109  | To supply, install or replace 100mm       | EACH | 67.45          |
|      | M.B.L. copper reducer.                    |      |                |
| 110  | To supply, install or replace 15mm        | EACH | 2.81           |
|      | diameter Connectors copper pipe fittings. |      |                |
| 111  | To supply, install or replace 22mm        | EACH | 4.00           |
|      | diameter Connectors copper pipe fittings. |      |                |
| 112  | To supply, install or replace 28mm        | EACH | 6.21           |
|      | diameter Connectors copper pipe fittings. |      |                |
| 113  | To supply, install or replace 35mm        | EACH | 8.08           |
|      | diameter Connectors copper pipe fittings. |      |                |
| 114  | To supply, install or replace 42mm        | EACH | 10.37          |
|      | diameter Connectors copper pipe fittings. |      |                |
| 115  | To supply, install or replace 54mm        | EACH | 15.05          |
|      | diameter Connectors copper pipe fittings. |      |                |
| 116  | To supply, install or replace 15mm        | EACH | 4.34           |
|      | diameter Tee Copper pipe fittings.        |      |                |
| I    |                                           | I    | ı l            |

| S/No | Description                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------|------|----------------|
| 117  | To supply, install or replace 22mm      | EACH | 6.46           |
|      | diameter Tee copper pipe fittings.      |      |                |
| 118  | To supply, install or replace 28mm      | EACH | 9.44           |
|      | diameter Tee copper pipe fittings.      |      |                |
| 119  | To supply, install or replace 35mm      | EACH | 15.56          |
|      | diameter Tee Copper pipe fittings.      |      |                |
| 120  | To supply, install or replace 42mm      | EACH | 19.55          |
|      | diameter Tee copper pipe fittings.      |      |                |
| 121  | To supply, install or replace 54mm      | EACH | 32.73          |
|      | diameter Tee copper pipe fittings.      |      |                |
| 122  | To supply, install or replace 15mm      | EACH | 3.06           |
|      | diameter Elbows, copper pipe fittings.  |      |                |
| 123  | To supply, install or replace 22mm      | EACH | 4.68           |
|      | diameter Elbows, copper pipe fittings.  |      |                |
| 124  | To supply, install or replace 28mm      | EACH | 5.78           |
|      | diameter Elbows, copper pipe fittings.  |      |                |
| 125  | To supply, install or replace 35mm      | EACH | 8.33           |
|      | diameter Elbows, copper pipe fittings.  |      |                |
| 126  | To supply, install or replace 42mm      | EACH | 11.14          |
|      | diameter Elbows, copper pipe fittings.  |      |                |
| 127  | To supply, install or replace 54mm      | EACH | 19.13          |
|      | diameter Elbows, copper pipe fittings.  |      |                |
| 128  | To supply, install or replace 22mm      | EACH | 12.61          |
|      | diameter Reducers copper pipe fittings. |      |                |
| 129  | To supply, install or replace 28mm      | EACH | 12.66          |
|      | diameter Reducers copper pipe fittings. |      |                |
| l    | ı                                       | ı    | i !            |

| S/No | Description                                                                                      | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------|------|----------------|
| 130  | To supply, install or replace 35mm                                                               | EACH | 15.35          |
|      | diameter Reducers copper pipe fittings.                                                          |      |                |
| 131  | To supply, install or replace 42mm                                                               | EACH | 18.33          |
|      | diameter Reducers copper pipe fittings.                                                          |      |                |
| 132  | To supply, install or replace 54mm                                                               | EACH | 41.40          |
|      | diameter Reducers copper pipe fittings.                                                          |      |                |
| 133  | To supply, install or replace 13mm                                                               | EACH | 6.70           |
|      | diameter copper to copper coupling.                                                              |      |                |
| 134  | To supply, install or replace 20mm                                                               | EACH | 7.92           |
|      | diameter copper to copper coupling                                                               |      |                |
| 135  | To supply, install or replace 42mm and                                                           | EACH | 11.14          |
|      | below M.B.L. copper bend, elbow.                                                                 |      |                |
| 136  | To supply, install or replace 54mm                                                               | EACH | 19.13          |
|      | M.B.L. copper elbow.                                                                             |      |                |
| 137  | To supply, install or replace 54mm                                                               | EACH | 8.80           |
|      | M.B.L. copper socket.                                                                            |      |                |
| 138  | To supply, install or replace 54mm                                                               | EACH | 18.33          |
|      | M.B.L. copper adaptor M or F.                                                                    |      |                |
| 139  | To supply, install or replace 54mm                                                               | EACH | 20.53          |
|      | M.B.L. copper Tee.                                                                               |      |                |
| 140  | To supply, install or replace 54mm                                                               | EACH | 12.61          |
|      | M.B.L. copper reducer.                                                                           |      |                |
| 141  | To supply, install or replace 75mm x                                                             | EACH | 57.46          |
|      | 40mm diameter Reducer of approved dezincification resistance brass compression fittings to BS864 |      |                |
| 142  | To supply, install or replace 75mm                                                               | EACH | 128.69         |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | x 75mm x 50mm diameter Reducer Tee of    |      |                |
|      | approved dezincification resistance      |      |                |
|      | brass compression fittings to BS864.     |      |                |
| 143  | To supply, install or replace 75mm       | EACH | 57.46          |
|      | diameter CMI Socket of approved          |      |                |
|      | dezincification resistance brass         |      |                |
|      | compression fittings to BS864.           |      |                |
| 144  | To supply, install or replace 80mm       | MR   | 32.90          |
|      | ductile iron pipes spigot and socket JT  |      |                |
|      | type laid in trench or fixed to wall.    |      |                |
| 145  | To supply, install or replace 100mm      | MR   | 36.72          |
|      | ductile iron pipes spigot and socket JT  |      |                |
|      | type laid in trench or fixed to wall.    |      |                |
| 146  | To supply, install or replace 150mm      | MR   | 49.73          |
|      | ductile iron pipes spigot and socket JT  |      |                |
|      | type laid in trench or fixed to wall.    |      |                |
| 147  | To supply, install or replace 200mm      | MR   | 67.07          |
|      |                                          |      |                |
|      | ductile iron pipes spigot and socket JT  |      |                |
|      | type laid in trench or fixed to wall.    |      |                |
| 148  | To supply, install or replace 300mm      | MR   | 100.64         |
|      | dtuctile iron pipes spigot and socket JT |      |                |
|      | type laid in trench or fixed to wall.    |      |                |
| 149  | To supply, install or replace 60mm       | MR   | 35.19          |
|      | ductile iron pipes flanged JT type laid  |      |                |
|      | in trench or fixeto wall.                |      |                |
| 150  | To supply, install or replace 80mm       | MR   | 44.03          |
|      | ductile iron pipes flanged JT type laid  |      |                |
|      | in trench or fixed to wall.              |      |                |
| 151  | To supply, install or replace            | MR   | 53.21          |
|      | 100mm ductile iron pipes flanged JT type |      |                |
|      | laid in trench or fixed to wall.         |      |                |
| 152  | To supply, install or replace 125mm      | MR   | 58.91          |
|      |                                          |      |                |

| S/No | Description                                                      | Unit  | Unit Cost (\$) |
|------|------------------------------------------------------------------|-------|----------------|
|      | ductile iron pipes flanged JT type laid                          |       |                |
|      | in trench or fixed to wall.                                      |       |                |
| 153  | To supply, install or replace 150mm                              | MR    | 66.56          |
|      | ductile iron pipes flanged JT type laid                          |       |                |
|      | in trench or fixed to wall.                                      |       |                |
| 154  | To supply, install or replace 200mm                              | MR    | 103.45         |
|      | ductile iron pipes flanged JT type laid                          |       |                |
|      | in trench or fixed to wall.                                      |       |                |
| 155  | To supply, install or replace 300mm                              | MR    | 155.13         |
|      | ductile iron pipes flanged JT type laid                          |       |                |
|      | in trench or fixed to wall.                                      |       |                |
| 156  | To supply, install or replace                                    | EACH  | 30.60          |
|      |                                                                  |       |                |
|      | ductile iron pipe fittings - 60mm flanged and socket connector.  |       |                |
|      | nanged and socker connector.                                     |       |                |
| 157  | To supply, install or replace                                    | EACH  | 36.98          |
|      | ductile iron pipe fittings - 80mm                                |       |                |
|      | flanged and socket connector.                                    |       |                |
| 158  | To supply, install or replace                                    | EACH  | 58.31          |
|      | ductile iron pipe fittings - 100mm                               |       |                |
|      | flanged and socket connector.                                    |       |                |
| 450  | To complete in the U. or control                                 | FACIL | 60.44          |
| 159  | To supply, install or replace                                    | EACH  | 60.44          |
|      | ductile iron pipe fittings - 125mm                               |       |                |
|      | flanged and socket connector.                                    |       |                |
| 160  | To supply, install or replace                                    | EACH  | 79.48          |
|      | ductile iron pipe fitttings - 150mm                              |       |                |
|      | flanged and socket connector.                                    |       |                |
| 161  | To supply, install or replace                                    | EACH  | 102.77         |
|      |                                                                  |       |                |
|      | ductile iron pipe fittings - 200mm flanged and socket connector. |       |                |
|      | manged and socket connector.                                     |       |                |
| 162  | To supply, install or replace                                    | EACH  | 154.23         |
|      | ductile iron pipe fittings -300mm                                |       |                |
|      | flanged and socket connector.                                    |       |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
| 163  | To supply, install or replace                                             | EACH | 21.42          |
|      | ductile iron pipes for fittings - 60mm flanged and spigot connector.      |      |                |
| 164  | To supply, install or replace                                             | EACH | 31.96          |
|      | ductile iron pipe fittings - 100 mm flanged and spigot connector.         |      |                |
| 165  | To supply, install or replace                                             | EACH | 55.25          |
|      | ductile iron pipe fittings - 150mm flanged and spigot connector.          |      |                |
| 166  | To supply, install or replace                                             | EACH | 72.39          |
|      | ductile iron pipe fittings - 200mm flanged and spigot connector.          |      |                |
| 167  | To supply, install or replace                                             | EACH | 110.71         |
|      | ductile iron pipes fittings - 300mm flanged and spigot connector.         |      |                |
| 168  | To supply, install or replace                                             | EACH | 39.36          |
|      | ductile iron pipe fittings - 60mm with 90 degrees double socket bend.     |      |                |
| 169  | To supply, install or replace                                             | EACH | 51.43          |
|      | ductile iron pipe fittings - 80mm with 90 degrees double socket bend.     |      |                |
| 170  | To supply, install or replace                                             | EACH | 64.52          |
|      | ductile iron pipe fittings - 100mm with<br>90 degrees double socket bend. |      |                |
| 171  | To supply, install or replace                                             | EACH | 83.39          |
|      | ductile iron pipe fittings - 125mm<br>with 90 degrees double socket bend. |      |                |
| 172  | To supply, install or replace                                             | EACH | 109.74         |
|      | ductile iron pipe fittings - 150mm with<br>90 degrees double socket bend. |      |                |

| S/No | Description                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------|------|----------------|
| 173  | To supply, install or replace           | EACH | 134.46         |
|      |                                         |      |                |
|      | ductile iron pipe fittings - 200mm with |      |                |
|      | 90 degrees double socket bend.          |      |                |
| 174  | To supply, install or replace           | EACH | 201.72         |
|      | ductile iron pipe fittings - 300mm with |      |                |
|      | 90 degrees double socket bend.          |      |                |
| 175  | To supply, install or replace           | EACH | 39.36          |
|      | ductile iron pipe fittings - 60mm with  |      |                |
|      | 45 degrees double socket bend.          |      |                |
|      | is degrees double source serial         |      |                |
| 176  | To supply, install or replace           | EACH | 53.64          |
|      |                                         |      |                |
|      | ductile iron pipe fittings - 80mm with  |      |                |
|      | 45 degrees double socket bend.          |      |                |
| 177  | To supply, install or replace           | EACH | 67.75          |
|      | ductile iron pipe fittings - 100mm with |      |                |
|      | 45 degrees double socket bend.          |      |                |
|      |                                         |      |                |
| 178  | To supply, install or replace           | EACH | 84.07          |
|      |                                         |      |                |
|      | ductile iron pipe fittings - 125mm with |      |                |
|      | 45 degrees double socket bend.          |      |                |
| 179  | To supply, install or replace           | EACH | 109.23         |
|      | ductile iron pipe fittings - 150mm with |      |                |
|      | 45 degrees double socket bend.          |      |                |
|      |                                         |      |                |
| 180  | To supply, install or replace           | EACH | 133.92         |
|      | Last to fine age and                    |      |                |
|      | ductile iron pipe fittings - 200mm with |      |                |
|      | 45 degrees double socket bend.          |      |                |
| 181  | To supply, install or replace           | EACH | 200.81         |
|      | · · · · ·                               |      |                |
|      | ductile iron pipe fittings - 300mm with |      |                |
|      | 45 degrees double socket bend.          |      |                |
| 4.55 |                                         |      |                |
| 182  | To supply, install or replace           | EACH | 37.61          |
|      | ductile iron pipe fittings - 60mm with  |      |                |
|      | 22 degrees 30' double socket bend.      |      |                |
|      |                                         |      |                |
| 183  | To supply, install or replace           | EACH | 47.26          |
|      |                                         |      |                |

| S/No | Description                                                                  | Unit     | Unit Cost (\$) |
|------|------------------------------------------------------------------------------|----------|----------------|
|      | ductile iron pipe fittings - 80mm with                                       |          |                |
|      | 22 degrees 30' double socket bend                                            |          |                |
| 184  | To supply, install or replace                                                | EACH     | 57.89          |
|      | ductile iron pipe fittings - 100mm with                                      |          |                |
|      | 22 degrees 30' double socket bend.                                           |          |                |
| 185  | To supply, install or replace                                                | EACH     | 73.53          |
|      | ductile iron pipe fittings - 125mm with                                      |          |                |
|      | 22 degrees 30' double socket bend.                                           |          |                |
| 186  | To supply, install or replace                                                | EACH     | 94.61          |
|      | ductile iron pipe fittings - 150mm with                                      |          |                |
|      | 22 degrees 30' double socket bend.                                           |          |                |
|      |                                                                              |          |                |
| 187  | To supply, install or replace                                                | EACH     | 121.98         |
|      | ductile iron pipe fittings - 200mm with                                      |          |                |
|      | 22 degrees 30' double socket bend.                                           |          |                |
| 188  | To supply, install or replace                                                | EACH     | 183.18         |
|      | ductile iron pipe fittings - 300mm with                                      |          |                |
|      | 22 degrees 30' double socket bend.                                           |          |                |
| 189  | To supply, install or replace                                                | EACH     | 36.21          |
|      | ductile iron pipe fittings - 60mm with<br>11 degrees 15' double socket bend. |          |                |
|      |                                                                              |          |                |
| 190  | To supply, install or replace                                                | EACH     | 46.67          |
|      | ductile iron pipe fittings - 80mm with                                       |          |                |
|      | 11 degrees 15' double socket bend.                                           |          |                |
|      |                                                                              |          |                |
| 191  | To supply, install or replace                                                | EACH     | 56.61          |
|      | ductile iron pipe fittings - 100mm with                                      |          |                |
|      | 11 degrees 15' double socket bend                                            |          |                |
| 102  | To supply install consulate                                                  | E A CI I | 74.22          |
| 192  | To supply, install or replace                                                | EACH     | 71.32          |
|      | ductile iron pipe fittings - 125mm with                                      |          |                |
|      | 11 degrees 15' double socket bend.                                           |          |                |
| 193  | To supply, install or replace                                                | EACH     | 91.12          |
|      |                                                                              |          | 31.12          |
|      | ductile iron pipe fittings - 150mm with                                      |          |                |
| l    | 11 degrees 15' double socket bend.                                           |          |                |

| S/No | Description                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------|------|----------------|
| 194  | To supply, install or replace                                                 | EACH | 117.34         |
|      | ductile iron pipe fittings - 200mm with<br>11 degrees 15' double socket bend. |      |                |
| 195  | To supply, install or replace                                                 | EACH | 176.42         |
|      | ductile iron pipe fittings - 300mm with<br>11 degrees 15' double socket bend. |      |                |
| 196  | To supply, install or replace                                                 | EACH | 33.32          |
|      | ductile iron pipe fittings - 60mm with 90 degrees double flanged bend.        |      |                |
| 197  | To supply, install or replace                                                 | EACH | 36.89          |
|      | ductile iron pipe fittings - 80mm with 90 degrees double flanged bend.        |      |                |
| 198  | To supply, install or replace                                                 | EACH | 59.42          |
|      | ductile iron pipe fittings - 100mm with 90 degrees double flanged bend.       |      |                |
| 199  | To supply, install or replace                                                 | EACH | 72.42          |
|      | ductile iron pipe fittings - 125mm with 90 degrees double flanged bend.       |      |                |
| 200  | To supply, install or replace                                                 | EACH | 99.11          |
|      | ductile iron pipe fittings - 150mm with 90 degrees double flanged bend.       |      |                |
| 201  | To supply, install or replace                                                 | EACH | 117.64         |
|      | ductile iron pipe fittings - 200mm with 90 degrees double flanged bend.       |      |                |
| 202  | To supply, install or replace                                                 | EACH | 176.42         |
|      | ductile iron pipe fittings - 300mm with 90 degrees double flanged bend.       |      |                |
| 203  | To supply, install or replace                                                 | EACH | 30.18          |
|      | ductile iron pipe fittings - 60mm with 45 degrees double flanged bend.        |      |                |

| S/No | Description                                                             | Unit    | Unit Cost (\$) |
|------|-------------------------------------------------------------------------|---------|----------------|
| 204  | To supply, install or replace                                           | EACH    | 35.96          |
|      | dustile iron nine fittings 20m with                                     |         |                |
|      | ductile iron pipe fittings - 80mm with 45 degrees double flanged bend.  |         |                |
|      | 45 degrees double hanged bend.                                          |         |                |
| 205  | To supply, install or replace                                           | EACH    | 57.80          |
|      |                                                                         |         |                |
|      | ductile iron pipe fittings - 100mm with 45 degrees double flanged bend. |         |                |
|      | 45 degrees double hanged bend.                                          |         |                |
| 206  | To supply, install or replace                                           | EACH    | 69.28          |
|      |                                                                         |         |                |
|      | ductile iron pipe fittings - 125mm with                                 |         |                |
|      | 45 degrees double flanged bend.                                         |         |                |
| 207  | To supply, install or replace                                           | EACH    | 94.35          |
|      |                                                                         |         |                |
|      | ductile iron pipe fittings - 150mm with                                 |         |                |
|      | 45 degrees double flanged bend.                                         |         |                |
| 208  | To supply, install or replace                                           | EACH    | 108.67         |
| 200  | To Supply, install of Teplace                                           | 271011  | 100.07         |
|      | ductile iron pipe fittings - 200mm with                                 |         |                |
|      | 45 degrees double flanged bend.                                         |         |                |
| 209  | To supply, install or replace                                           | EACH    | 162.99         |
| 203  | то заррту, пізтан от теріасе                                            | LACIT   | 102.99         |
|      | ductile iron pipe fittings - 300mm with                                 |         |                |
|      | 45 degrees double flanged bend.                                         |         |                |
| 210  | To supply install or replace                                            | EACH    | 46.07          |
| 210  | To supply, install or replace                                           | EACH    | 46.07          |
|      | ductile iron pipe for fittings - 60mm                                   |         |                |
|      | with double flanged duckfoot elbow.                                     |         |                |
| 211  | To overally install an earland                                          | FACIL   | F4 26          |
| 211  | To supply, install or replace                                           | EACH    | 51.26          |
|      | ductile iron pipe for fittings - 80mm                                   |         |                |
|      | with double flanged duckfoot elbow.                                     |         |                |
| 242  |                                                                         |         |                |
| 212  | To supply, install or replace                                           | EACH    | 74.55          |
|      | ductile iron pipe fittings - 100mm with                                 |         |                |
|      | double flanged duckfoot elbow.                                          |         |                |
| 0.15 |                                                                         | <b></b> |                |
| 213  | To supply, install or replace                                           | EACH    | 93.42          |
|      | ductile iron pipe fittings - 125mm with                                 |         |                |
|      | double flanged duckfoot elbow.                                          |         |                |
|      |                                                                         |         |                |
| 214  | To supply, install or replace                                           | EACH    | 124.61         |
| 1    |                                                                         |         |                |

| S/No | Description                                                            | Unit    | Unit Cost (\$)    |
|------|------------------------------------------------------------------------|---------|-------------------|
|      | ductile iron pipe fittings - 150mm with                                |         |                   |
|      | double flanged duckfoot elbow.                                         |         |                   |
| 215  | To supply, install or replace                                          | EACH    | 152.73            |
|      | dustile iron nine fittings 200mm with                                  |         |                   |
|      | ductile iron pipe fittings - 200mm with double flanged duckfoot elbow. |         |                   |
|      |                                                                        |         |                   |
| 216  | To supply, install or replace                                          | EACH    | 229.08            |
|      | ductile iron pipe fittings - 300mm with                                |         |                   |
|      | double flanged duckfoot elbow.                                         |         |                   |
| 247  | To overally install an earliese                                        | FACIL   | 44.00             |
| 217  | To supply, install or replace                                          | EACH    | 14.88             |
|      | ductile iron pipe fittings - 60mm with                                 |         |                   |
|      | blank flange.                                                          |         |                   |
| 218  | To supply, install or replace                                          | EACH    | 21.85             |
|      |                                                                        |         |                   |
|      | ductile iron pipe fittings - 80mm with blank flange.                   |         |                   |
|      | Did it Halige.                                                         |         |                   |
| 219  | To supply, install or replace                                          | EACH    | 32.73             |
|      | ductile iron pipe fittings - 100mm with                                |         |                   |
|      | blank flange.                                                          |         |                   |
|      |                                                                        |         |                   |
| 220  | To supply, install or replace                                          | EACH    | 38.34             |
|      | ductile iron pipe fittings - 125mm with                                |         |                   |
|      | blank flange.                                                          |         |                   |
| 221  | To supply, install or replace                                          | EACH    | 51.68             |
|      |                                                                        |         | 31.00             |
|      | ductile iron pipe fittings - 150mm with                                |         |                   |
|      | blank flange.                                                          |         |                   |
| 222  | To supply, install or replace                                          | EACH    | 60.01             |
|      | ductile iron pipe fittings - 200mm with                                |         |                   |
|      | blank flange.                                                          |         |                   |
|      | -                                                                      |         |                   |
| 223  | To supply, install or replace                                          | EACH    | 89.97             |
|      | ductile iron pipe fittings - 300mm with                                |         |                   |
|      | blank flange.                                                          |         |                   |
| 224  | To supply, install or replace                                          | EACH    | 40.80             |
|      |                                                                        | 2, (01) | <del>-</del> 0.00 |
|      | ductile iron pipe fittings - 60mm with                                 |         |                   |
|      | socket sleeve.                                                         |         |                   |

| S/No | Description                                                                          | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------|------|----------------|
| 225  | To supply, install or replace                                                        | EACH | 53.38          |
|      | ductile iron pipe fittings - 80mm with socket sleeve.                                |      |                |
| 226  | To supply, install or replace                                                        | EACH | 64.43          |
|      | ductile iron pipe fittings - 100mm with socket sleeve.                               |      |                |
| 227  | To supply, install or replace                                                        | EACH | 79.90          |
|      | ductile iron pipe fittings - 125mm with socket sleeve.                               |      |                |
| 228  | To supply, install or replace                                                        | EACH | 100.90         |
|      | ductile iron pipe fittings - 150mm with socket sleeve.                               |      |                |
| 229  | To supply, install or replace                                                        | EACH | 132.26         |
|      | ductile iron pipe fittings - 200mm with socket sleeve.                               |      |                |
| 230  | To supply, install or replace                                                        | EACH | 198.60         |
|      | ductile iron pipe fittings - 300mm with socket sleeve.                               |      |                |
| 231  | To supply, install or replace                                                        | EACH | 83.73          |
|      | ductile iron pipe fittings - 60mm diameter socket tee with 45 degrees branch.        |      |                |
| 232  | To supply, install or replace                                                        | EACH | 104.04         |
|      | ductile iron pipe fittings - 80mm<br>diameter socket tee with 45 degrees<br>branch.  |      |                |
| 233  | To supply, install or replace                                                        | EACH | 117.30         |
|      | ductile iron pipe fittings - 100mm<br>diameter socket tee with 45 degrees<br>branch. |      |                |
| 234  | To supply, install or replace                                                        | EACH | 133.11         |
|      | ductile iron pipe fittings - 125mm                                                   |      |                |

| S/No | Description                                                              | Unit    | Unit Cost (\$) |
|------|--------------------------------------------------------------------------|---------|----------------|
|      | diameter socket tee with 45 degrees                                      |         |                |
|      | branch.                                                                  |         |                |
| 235  | To supply, install or replace                                            | EACH    | 164.56         |
|      | ductile iron pipe fittings - 150mm                                       |         |                |
|      | diameter socket tee with 45 degrees                                      |         |                |
|      | branch.                                                                  |         |                |
| 236  | To supply, install or replace                                            | EACH    | 222.66         |
|      | ductile iron pipe fittings - 200mm                                       |         |                |
|      | diameter socket tee with 45 degrees                                      |         |                |
|      | branch.                                                                  |         |                |
| 237  | To supply, install or replace                                            | EACH    | 333.98         |
|      | ductile iron pipe fittings - 300mm                                       |         |                |
|      | diameter socket tee with 45 degrees                                      |         |                |
|      | branch.                                                                  |         |                |
|      |                                                                          |         |                |
| 238  | To supply, install or replace                                            | EACH    | 53.98          |
|      | ductile iron pipe fittings - 60mm                                        |         |                |
|      | diameter double flanged sleeve (250mm)                                   |         |                |
|      | , ,                                                                      |         |                |
| 239  | To supply, install or replace                                            | EACH    | 67.75          |
|      | dustile insurator fitting 2000 as                                        |         |                |
|      | ductile iron pipe fittings - 80mm diameter double flanged sleeve (250mm) |         |                |
|      | diameter double hanged sieeve (250mm)                                    |         |                |
| 240  | To supply, install or replace                                            | EACH    | 94.35          |
|      |                                                                          |         |                |
|      | ductile iron pipe fittings - 100mm                                       |         |                |
|      | diameter double flanged sleeve (250mm)                                   |         |                |
| 241  | To supply, install or replace                                            | EACH    | 104.47         |
|      | To Supply, install of Teplace                                            | 2, (0.1 | 104.47         |
|      | ductile iron pipe fittings - 125mm                                       |         |                |
|      | diameter double flanged sleeve (250mm)                                   |         |                |
| 242  | To cumply install or replace                                             | FACIL   | 126.00         |
| 242  | To supply, install or replace                                            | EACH    | 136.09         |
|      | ductile iron pipe fittings - 150mm                                       |         |                |
|      | diameter double flanged sleeve (250mm)                                   |         |                |
|      |                                                                          | _       |                |
| 243  | To supply, install or replace                                            | EACH    | 177.50         |
|      | ductile iron pipe fittings - 200mm                                       |         |                |
|      | diameter double flanged sleeve (250mm)                                   |         |                |
|      | , ,                                                                      |         |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit    | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|
| 244  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 266.31         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
|      | ductile iron pipe fittings - 300mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                |
|      | diameter double flanged sleeve (250mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
| 245  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 66.39          |
|      | ductile iron pipe fittings - 60mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                |
|      | diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
| 246  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 81.09          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
|      | ductile iron pipe fittings - 80mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                |
|      | diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
| 247  | To overely install as souless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FACIL   | 105.22         |
| 247  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 105.23         |
|      | ductile iron pipe fittings - 100mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                |
|      | diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
|      | and motes declare hanged sicere (seeming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                |
| 248  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 122.49         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
|      | ductile iron pipe fittings - 125mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                |
|      | diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
| 249  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 145.35         |
|      | dustile incursing fittings 150mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                |
|      | ductile iron pipe fittings - 150mm<br>diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |                |
|      | diameter double nanged sieeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                |
| 250  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 205.23         |
|      | and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s |         |                |
|      | ductile iron pipe fittings - 200mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                |
|      | diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
| 251  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 307.79         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
|      | ductile iron pipe fittings - 300mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                |
|      | diameter double flanged sleeve (500mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                |
| 252  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 34.85          |
| 232  | To Supply, Histair of Teplace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Litteri | 34.03          |
|      | ductile iron pipe fittings - 60mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                |
|      | diameter plain end connecting sleeve.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
| 253  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 48.11          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |
|      | ductile iron pipe fittings - 80mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                |
|      | diameter plain end connecting sleeve.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                |
| 254  | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH    | 56.44          |
| 234  | To supply, ilistali of replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LACH    | 30.44          |
| l    | l e e e e e e e e e e e e e e e e e e e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         | I I            |

| S/No | Description                            | Unit | Unit Cost (\$) |
|------|----------------------------------------|------|----------------|
|      | ductile iron pipe fittings - 100mm     |      |                |
|      | diameter plain end connecting sleeve.  |      |                |
| 255  | To supply, install or replace          | EACH | 67.83          |
|      | ductile iron pipe fittings - 125mm     |      |                |
|      | diameter plain end connecting sleeve.  |      |                |
| 256  | To supply, install or replace          | EACH | 88.74          |
|      | ductile iron pipe fittings - 150mm     |      |                |
|      | diameter plain end connecting sleeve.  |      |                |
| 257  | To supply, install or replace          | EACH | 115.36         |
|      | ductile iron pipe fittings - 200mm     |      |                |
|      | diameter plain end connecting sleeves. |      |                |
|      |                                        |      |                |
| 258  | To supply, install or replace          | EACH | 173.12         |
|      | ductile iron pipe fittings - 300mm     |      |                |
|      | diameter plain end connecting sleeves. |      |                |
|      | -                                      |      |                |
| 259  | To supply, install or replace          | EACH | 114.92         |
|      | ductile iron pipe fittings - 60mm      |      |                |
|      | diameter double flanged U-bend.        |      |                |
|      | _                                      |      |                |
| 260  | To supply, install or replace          | EACH | 134.64         |
|      | ductile iron pipe fittings - 80mm      |      |                |
|      | diameter double flanged U-bend.        |      |                |
|      | _                                      |      |                |
| 261  | To supply, install or replace          | EACH | 180.54         |
|      | ductile iron pipe fittings - 100mm     |      |                |
|      | diameter double flanged U-bend.        |      |                |
|      | _                                      |      |                |
| 262  | To supply, install or replace          | EACH | 191.51         |
|      | ductile iron pipe fittings - 125mm     |      |                |
|      | diameter double flanged U-bend.        |      |                |
|      |                                        |      |                |
| 263  | To supply, install or replace          | EACH | 223.13         |
|      | ductile iron pipe fittings - 150mm     |      |                |
|      | diameter double flanged U-bend.        |      |                |
|      |                                        |      |                |
| 264  | To supply, install or replace          | EACH | 302.30         |
|      | ductile iron pipe fittings - 200mm     |      |                |
|      | diameter double flanged U-bend.        |      |                |
| •    | •                                      | ii   |                |

| S/No | Description                                                           | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------|------|----------------|
| 265  | To supply, install or replace                                         | EACH | 453.46         |
|      | ductile iron pipe fittings - 300mm<br>diameter double flanged U-bend. |      |                |
| 266  | To supply, install or replace                                         | EACH | 127.67         |
|      | ductile iron pipe fittings - 60mm<br>diameter four flanged cross.     |      |                |
| 267  | To supply, install or replace                                         | EACH | 153.60         |
|      | ductile iron pipe fittings - 80mm<br>diameter four flanged cross.     |      |                |
| 268  | To supply, install or replace                                         | EACH | 215.56         |
|      | ductile iron pipe fittings - 100mm<br>diameter four flanged cross.    |      |                |
| 269  | To supply, install or replace                                         | EACH | 245.99         |
|      | ductile iron pipe fittings - 125mm<br>diameter four flanged cross.    |      |                |
| 270  | To supply, install or replace                                         | EACH | 287.47         |
|      | ductile iron pipe fittings - 150mm<br>diameter four flanged cross.    |      |                |
| 271  | To supply, install or replace                                         | EACH | 389.07         |
|      | ductile iron pipe fittings - 200mm<br>diameter four flanged cross.    |      |                |
| 272  | To supply, install or replace                                         | EACH | 583.67         |
|      | ductile iron pipe fittings - 300mm<br>diameter four flanged cross.    |      |                |
| 273  | To supply, install or replace                                         | EACH | 53.72          |
|      | ductile iron pipe for 60mm x 60mm three flanged tee.                  |      |                |
| 274  | To supply, install or replace                                         | EACH | 56.87          |
|      | ductile iron pipe for 80mm x 60mm three flanged tee.                  |      |                |

| S/No | Description                                               | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------|------|----------------|
| 275  | To supply, install or replace                             | EACH | 62.22          |
|      | ductile iron pipe for 80mm x 80mm three flanged tee.      |      |                |
| 276  | To supply, install or replace                             | EACH | 76.25          |
|      | ductile iron pipe for 100mm x 60mm three flanged tee.     |      |                |
| 277  | To supply, install or replace                             | EACH | 80.75          |
|      | ductile iron pipe for 100mm x 80mm three flanged tee.     |      |                |
| 278  | To supply, install or replace                             | EACH | 92.23          |
|      | ductile iron pipe for 100mm x 100mm three flanged tee.    |      |                |
| 279  | To supply, install or replace                             | EACH | 86.19          |
|      | ductile iron pipe for 125mm x 60mm three flanged tee.     |      |                |
| 280  | To supply, install or replace                             | EACH | 95.88          |
|      | ductile iron pipe for 125mm x 80mm three flanged tee.     |      |                |
| 281  | To supply, install or replace                             | EACH | 106.00         |
|      | ductile iron pipe for 125mm x 100 mm three flanged tee.   |      |                |
| 282  | To supply, install or replace                             | EACH | 111.10         |
|      | ductile iron pipe for 125mm x 125mm<br>three flanged tee. |      |                |
| 283  | To supply, install or replace                             | EACH | 109.23         |
|      | ductile iron pipe for 150mm x 65mm three flanged tee.     |      |                |
| 284  | To supply, install or replace                             | EACH | 117.39         |
|      | ductile iron pipe for 150mm x 80mm three flanged tee.     |      |                |
| 285  | To supply, install or replace                             | EACH | 127.42         |

| S/No | Description                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------|------|----------------|
|      | ductile iron pipe for 150mm x 100mm                                                 |      |                |
|      | three flanged tee.                                                                  |      |                |
| 286  | To supply, install or replace                                                       | EACH | 130.65         |
|      | ductile iron pipe for 150mm x 125mm three flanged tee.                              |      |                |
| 287  | To supply, install or replace                                                       | EACH | 142.89         |
|      | ductile iron pipe for 150mm x 150mm three flanged tee.                              |      |                |
| 288  | To supply, install or replace                                                       | EACH | 184.45         |
|      | ductile iron pipe for 200mm x 200mm three flanged tee.                              |      |                |
| 289  | To supply, install or replace                                                       | EACH | 276.72         |
|      | ductile iron pipe for 300mm x 300mm three flanged tee.                              |      |                |
| 290  | To supply, install or replace                                                       | EACH | 69.36          |
|      | ductile iron pipe fitting - 60mm x 60 mm double socket tees with flanged branch.    |      |                |
| 291  | To supply, install or replace                                                       | EACH | 74.29          |
|      | ductile iron pipe fittings - 80mm x 60mm double socket tees with flanged branch.    |      |                |
| 292  | To supply, install or replace                                                       | EACH | 75.74          |
|      | ductile iron pipe fittings - 80mm x 80mm double socket tees with flanged branch.    |      |                |
| 293  | To supply, install or replace                                                       | EACH | 84.92          |
|      | ductile iron pipe fittings 100mm x 60mm double socket tees with flanged branch.     |      |                |
| 294  | To supply, install or replace                                                       | EACH | 87.21          |
|      | ductile iron pipe ittings - 100mm x 80mm<br>double socket tees with flanged branch. |      |                |
| 295  | To supply, install or replace                                                       | EACH | 98.77          |
|      | ductile iron pipe fittings - 100mm x<br>100mm double socket tees with flanged       |      |                |

| S/No | Description                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------|------|----------------|
|      | branch.                                                                                  |      |                |
| 296  | To supply, install or replace                                                            | EACH | 115.69         |
|      | ductile iron pipe fittings - 125mm x<br>60mm double socket tees with flanged             |      |                |
|      | branch.                                                                                  |      |                |
| 297  | To supply, install or replace                                                            | EACH | 120.28         |
|      | ductile iron pipe fittings - 125mm x<br>80mm double socket tees with flanged<br>branch.  |      |                |
| 298  | To supply, install or replace                                                            | EACH | 132.35         |
|      | ductile iron pipe fittings - 125mm x<br>100mm double socket tees with flanged<br>branch. |      |                |
| 299  | To supply, install or replace                                                            | EACH | 138.98         |
|      | ductile iron pipe fittings - 125mm x<br>125mm double socket tees with flanged<br>branch. |      |                |
| 300  | To supply, install or replace                                                            | EACH | 135.41         |
|      | ductile iron pipe fittings - 150mm x<br>60mm double socket tees with flanged<br>branch.  |      |                |
| 301  | To supply, install or replace                                                            | EACH | 145.78         |
|      | ductile iron pipe fittings - 150mm x<br>80mm double socket tees with flanged<br>branch.  |      |                |
| 302  | To supply, install or replace                                                            | EACH | 156.83         |
|      | ductile iron pipe fittings - 150mm x<br>100mm double socket tees with flanged<br>branch. |      |                |
| 303  | To supply, install or replace                                                            | EACH | 165.24         |
|      | ductile iron pipe fittings - 150mm x<br>125mm double socket tees with flanged<br>branch. |      |                |
| 304  | To supply, install or replace                                                            | EACH | 178.84         |

| S/No | Description                                                                   | Unit  | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------|-------|----------------|
|      | ductile iron fittings - 150mm x 150mm                                         |       |                |
|      | double socket tees with flanged branch.                                       |       |                |
| 305  | To supply, install or replace                                                 | EACH  | 219.85         |
|      | dustile insuraine fittings 200mm                                              |       |                |
|      | ductile iron pipe fittings - 200mm x<br>200mm double socket tees with flanged |       |                |
|      | branch.                                                                       |       |                |
|      |                                                                               |       |                |
| 306  | To supply, install or replace                                                 | EACH  | 329.75         |
|      | ductile iron pipe fittings - 300mm x                                          |       |                |
|      | 300mm double socket tees with flanged                                         |       |                |
|      | branch.                                                                       |       |                |
| 307  | To supply, install or replace                                                 | EACH  | 74.46          |
|      |                                                                               |       |                |
|      | ductile iron pipe fittings - 60mm x 60mm<br>all socket tees.                  |       |                |
|      | un socket tees.                                                               |       |                |
| 308  | To supply, install or replace                                                 | EACH  | 87.21          |
|      | ductile iron pipe fittings - 80mm x 60mm                                      |       |                |
|      | all socket tees.                                                              |       |                |
|      |                                                                               |       |                |
| 309  | To supply, install or replace                                                 | EACH  | 92.48          |
|      | ductile iron pipe fittings - 80mm x 80mm                                      |       |                |
|      | all socket tees.                                                              |       |                |
| 310  | To supply, install or replace                                                 | EACH  | 96.05          |
|      |                                                                               |       | 30.03          |
|      | ductile iron pipe fittings - 100mm x                                          |       |                |
|      | 60mm all socket tees.                                                         |       |                |
| 311  | To supply, install or replace                                                 | EACH  | 104.38         |
|      | 1                                                                             |       |                |
|      | ductile iron pipe fittings - 100mm x<br>80mm all socket tees.                 |       |                |
|      |                                                                               |       |                |
| 312  | To supply, install or replace                                                 | EACH  | 110.76         |
|      | ductile iron pipe fittings - 100mm x                                          |       |                |
|      | 100mm all socket tees.                                                        |       |                |
| 242  | To supply install or replace                                                  | EAC!! | 140.75         |
| 313  | To supply, install or replace                                                 | EACH  | 118.75         |
|      | ductile iron pipe fittings - 125mm x                                          |       |                |
|      | 60mm all socket tees.                                                         |       |                |
| 314  | To supply, install or replace                                                 | EACH  | 129.03         |
|      |                                                                               |       | - 100          |

| S/No | Description                                                    | Unit        | Unit Cost (\$) |
|------|----------------------------------------------------------------|-------------|----------------|
|      | ductile iron pipe fittings - 125mm x                           |             |                |
|      | 80mm all socket tees.                                          |             |                |
| 315  | To supply, install or replace                                  | EACH        | 137.19         |
|      | ductile iron pipe fittings - 125mm x                           |             |                |
|      | 100mm all socket tees.                                         |             |                |
| 316  | To supply, install or replace                                  | EACH        | 140.42         |
|      | ductile iron pipe fittings - 125mm x                           |             |                |
|      | 125mm all socket tees.                                         |             |                |
| 317  | To supply, install or replace                                  | EACH        | 138.98         |
|      | ductle iron pipe fittings - 150mm x 60mm                       |             |                |
|      | all socket tees.                                               |             |                |
| 240  |                                                                | - A - O - I |                |
| 318  | To supply, install or replace                                  | EACH        | 143.06         |
|      | ductile iron pipe fittings - 150mm x                           |             |                |
|      | 80mm all socket tees.                                          |             |                |
| 210  | To supply install or replace                                   | FACII       | 155.55         |
| 319  | To supply, install or replace                                  | EACH        | 155.55         |
|      | ductile iron pipe fittings - 150mm x                           |             |                |
|      | 100mm all socket tees.                                         |             |                |
| 320  | To supply, install or replace                                  | EACH        | 166.26         |
| 320  | To Supply, Install of Teplace                                  | 271011      | 100.20         |
|      | ductile iron pipe fittings - 150mm x                           |             |                |
|      | 125mm all socket tees.                                         |             |                |
| 321  | To supply, install or replace                                  | EACH        | 178.25         |
|      |                                                                |             |                |
|      | ductile iron pipe fittings - 150mm x                           |             |                |
|      | 150mm all socket tees.                                         |             |                |
| 322  | To supply, install or replace                                  | EACH        | 238.47         |
|      |                                                                |             |                |
|      | ductile iron pipe fittings - 200mm x<br>200mm all socket tees. |             |                |
|      | 20011111 uli 300ket tees.                                      |             |                |
| 323  | To supply, install or replace                                  | EACH        | 357.71         |
|      | ductile iron pipe fittings - 300mm x                           |             |                |
|      | 300mm all socket tees.                                         |             |                |
|      |                                                                |             |                |
| 324  | To supply, install or replace                                  | EACH        | 45.56          |
|      | ductile iron pipe fittings - 80mm x 60mm                       |             |                |
|      | double socket reducers.                                        |             |                |

| S/No | Description                                                           | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------|------|----------------|
| 325  | To supply, install or replace                                         | EACH | 51.68          |
|      | ductile iron pipe fittings - 100mm x<br>60mm double socket reducers.  |      |                |
| 326  | To supply, install or replace                                         | EACH | 60.10          |
|      | ductile iron pipe fittings - 100mm x<br>80mm double socket reducers.  |      |                |
| 327  | To supply, install or replace                                         | EACH | 57.80          |
|      | ductile iron pipe fittings - 125mm x<br>60mm double socket reducers.  |      |                |
| 328  | To supply, install or replace                                         | EACH | 68.85          |
|      | ductile iron pipe fittings - 125mm x<br>80mm double socket reducers.  |      |                |
| 329  | To supply, install or replace                                         | EACH | 73.61          |
|      | ductile iron pipe fittings - 125mm x<br>100mm double socket reducers. |      |                |
| 330  | To supply, install or replace                                         | EACH | 70.81          |
|      | ductile iron pipe fittings - 150mm x<br>60mm double socket reducers.  |      |                |
| 331  | To supply, install or replace                                         | EACH | 81.35          |
|      | ductile iron pipe fittings - 150mm x<br>80mm double socket reducers.  |      |                |
| 332  | To supply, install or replace                                         | EACH | 86.70          |
|      | ductile iron pipe fittings - 150mm x<br>100mm double socket reducers. |      |                |
| 333  | To supply, install or replace                                         | EACH | 95.37          |
|      | ductile iron pipe fittings - 150mm x<br>125mm double socket reducers. |      |                |
| 334  | To supply, install or replace                                         | EACH | 156.91         |
|      | ductile iron pipe fittings - 200mm x<br>150mm double socket reducers. |      |                |

| S/No | Description                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------|------|----------------|
| 335  | To supply, install or replace                                          | EACH | 190.83         |
|      | ductile iron pipe fittings - 300mm x<br>200mm double socket reducers.  |      |                |
| 336  | To supply, install or replace                                          | EACH | 39.70          |
|      | ductile iron pipe fittings - 80mm x 60mm double flanged reducers.      |      |                |
| 337  | To supply, install or replace                                          | EACH | 46.75          |
|      | ductile iron pipe fittings - 100mm x<br>60mm double flanged reducers.  |      |                |
| 338  | To supply, install or replace                                          | EACH | 47.52          |
|      | ductile iron pipe fittings - 100mm x<br>80mm double flanged reducers.  |      |                |
| 339  | To supply, install or replace                                          | EACH | 37.74          |
|      | ductile iron pipe fittings - 125mm x<br>60mm double flanged reducers.  |      |                |
| 340  | To supply, install or replace                                          | EACH | 43.27          |
|      | ductile iron pipe fittings - 125mm x<br>80mm double flanged reducers.  |      |                |
| 341  | To supply, install or replace                                          | EACH | 53.21          |
|      | ductile iron pipe fittings - 125mm x<br>100mm double flanged reducers. |      |                |
| 342  | To supply, install or replace                                          | EACH | 53.55          |
|      | ductile iron pipe fittings - 150mm x<br>60mm double flanged reducers.  |      |                |
| 343  | To supply, install or replace                                          | EACH | 61.20          |
|      | ductile iron pipe fittings - 150mm x<br>80mm double flanged reducers.  |      |                |
| 344  | To supply, install or replace                                          | EACH | 76.50          |
|      | ductile iron pipe fittings - 150mm x<br>100mm double flanged reducers. |      |                |
| 345  | To supply, install or replace                                          | EACH | 98.09          |

| S/No | Description                             | Unit  | Unit Cost (\$) |
|------|-----------------------------------------|-------|----------------|
|      | ductile iron pipe fittings - 150mm x    |       |                |
|      | 125mm double flanged reducers.          |       |                |
| 346  | To supply, install or replace           | EACH  | 121.04         |
| 340  | To supply, install of replace           | EACH  | 131.04         |
|      | ductile iron pipe fittings - 200mm x    |       |                |
|      | 150mm double socket reducers.           |       |                |
| 347  | To supply, install or replace           | EACH  | 196.52         |
| 347  | то заррту, пізтан от теріасе            | LACIT | 190.32         |
|      | ductile iron pipe fittings - 300mm x    |       |                |
|      | 200mm double socket reducers.           |       |                |
| 348  | To supply, install or replace 50mm      | MR    | 27.20          |
| 3.0  | To Supply, install of Teplace Solillin  |       | 27.20          |
|      | diameter Cast Iron Hubless epoxy coated |       |                |
|      | pipe to ISO 6594 Standard complete with |       |                |
|      | pipe supports, brackets, hangers and    |       |                |
|      | accessories, laid in trench or fix to   |       |                |
|      | wall (Pipe fittings, excavation and     |       |                |
|      | scaffold shall be paid separately)      |       |                |
| 349  | To supply, install or replace 75mm      | MR    | 38.25          |
|      | diameter Cast Iron Hubless epoxy coated |       |                |
|      | pipe to ISO 6594 Standard complete with |       |                |
|      | pipe supports, brackets, hangers and    |       |                |
|      | accessories, laid in trench or fix      |       |                |
|      | to wall (Pipe fittings, excavation and  |       |                |
|      | scaffold shall be paid separately)      |       |                |
| 350  | To supply, install or replace 100mm     | MR    | 49.30          |
|      | diameter Cast Iron Hubless epoxy coated |       |                |
|      | pipe to ISO 6594 Standard complete with |       |                |
|      | pipe supports, brackets, hangers and    |       |                |
|      | accessories, laid in trench or fix to   |       |                |
|      | wall (Pipe fittings, excavation and     |       |                |
|      | scaffold shall be paid separately)      |       |                |
| 351  | To supply, install or replace 150mm     | MR    | 68.00          |
|      | diameter Cast Iron Hubless epoxy coated |       |                |
|      | pipe to ISO 6594 Standard complete with |       |                |
|      | pipe supports, brackets, hangers and    |       |                |
|      | accessories, laid in trench or fix to   |       |                |
|      | wall (Pipe fiitings, excavation and     |       |                |
|      | scaffold shall be paid separately)      |       |                |
| 352  | To supply, install or replace 200mm     | MR    | 114.75         |
|      | diameter Cast Iron Hubless epoxy coated |       |                |
| I    | diameter cast from Hubiess epoxy coated |       | ı l            |

| S/No | Description                                                            | Unit  | Unit Cost (\$) |
|------|------------------------------------------------------------------------|-------|----------------|
|      | pipe to ISO 6594 Standard complete with                                |       |                |
|      | pipe supports, brackets, hangers and                                   |       |                |
|      | accessories, laid in trench or fix to                                  |       |                |
|      | wall (Pipes fittings, excavation and scaffoldshall be paid separately) |       |                |
|      | scarrolustiali be palu separately)                                     |       |                |
| 353  | To supply, install or replace 50mm                                     | EACH  | 19.55          |
|      | diameter cast iron Hubless bend / elbow                                |       |                |
|      | including coupling clip.                                               |       |                |
| 354  | To supply, install or replace 75mm                                     | EACH  | 29.75          |
|      | diameter cast iron Hubless bend / elbow                                |       |                |
|      | including coupling clip.                                               |       |                |
|      |                                                                        |       |                |
| 355  | To supply, install or replace 100mm                                    | EACH  | 35.70          |
|      |                                                                        |       |                |
|      | diameter cast iron Hubless bend / elbow including coupling clip.       |       |                |
|      | including coupling clip.                                               |       |                |
| 356  | To supply, install or replace 150mm                                    | EACH  | 51.00          |
|      | diameter cast iron Hubless bend / elbow                                |       |                |
|      | including coupling clip.                                               |       |                |
| 357  | To supply, install or replace 200mm                                    | EACH  | 73.10          |
|      | diameter cast iron Hubless bend / elbow including coupling clip.       |       |                |
|      |                                                                        |       |                |
| 358  | To supply, install or replace 50mm                                     | EACH  | 38.25          |
|      |                                                                        |       |                |
|      | diameter cast iron Hubless single branch Tee including coupling clip.  |       |                |
|      | ree including coupling clip.                                           |       |                |
| 359  | To supply, install or replace 75mm                                     | EACH  | 40.80          |
|      |                                                                        |       |                |
|      | diameter cast iron Hubless equal /                                     |       |                |
|      | unequal branch Tee including coupling                                  |       |                |
|      | clip.                                                                  |       |                |
| 200  | To supply install as souless 100mm                                     | FACIL | F4 00          |
| 360  | To supply, install or replace 100mm                                    | EACH  | 51.00          |
|      | diameter cast iron Hubless equal /                                     |       |                |
|      | unequal branch Tee including coupling                                  |       |                |
|      | clip.                                                                  |       |                |
|      |                                                                        |       |                |
| 361  | To supply, install or replace 150mm                                    | EACH  | 83.30          |
|      |                                                                        |       |                |
|      | diameter cast iron Hubless equal /                                     |       |                |
| l    | unequal branch Tee including coupling                                  |       | l l            |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
|      | clip.                                                                          |      |                |
| 362  | To supply, install or replace 200mm                                            | EACH | 153.00         |
|      | diameter cast iron Hubless equal / unequal branch Tee including coupling clip. |      |                |
| 363  | To supply, install or replace 50mm                                             | EACH | 18.70          |
|      | diameter cast iron Hubless end plug including coupling clip.                   |      |                |
| 364  | To supply, install or replace 70mm                                             | EACH | 25.50          |
|      | diameter cast iron Hubless end plug including coupling clip.                   |      |                |
| 365  | To supply, install or replace 100mm                                            | EACH | 32.30          |
|      | diameter cast iron Hubless end plug including coupling clip.                   |      |                |
| 366  | To supply, install or replace 150mm                                            | EACH | 39.10          |
|      | diameter cast iron Hubless end plug including coupling clip.                   |      |                |
| 367  | To supply, install or replace 200mm                                            | EACH | 49.30          |
|      | diameter cast iron Hubless end plug including coupling clip.                   |      |                |
| 368  | To supply, install or replace 70mm                                             | EACH | 25.50          |
|      | diameter cast iron Hubless reducer including coupling clip.                    |      |                |
| 369  | To supply, insall or replace 100mm                                             | EACH | 32.30          |
|      | diameter cast iron Hubless reducer including coupling clip.                    |      |                |
| 370  | To supply, install or replace 150mm                                            | EACH | 40.80          |
|      | diameter cast iron Hubless reducer including coupling clip.                    |      |                |
| 371  | To supply, install or replace 200mm                                            | EACH | 46.75          |
|      | diameter cast iron Hubless reducer including coupling clip.                    |      |                |

| S/No | Description                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------|------|----------------|
| 372  | To supply, install or replace 50mm                                         | EACH | 15.30          |
|      | diameter cast iron Hubless coupling rubber and stainless steel clip.       |      |                |
| 373  | To supply, install or replace 75mm                                         | EACH | 17.85          |
|      | diameter cast iron Hubless coupling rubber and stainless steel clip.       |      |                |
| 374  | To supply, install or replace 100mm                                        | EACH | 19.55          |
|      | diameter cast iron Hubless coupling rubber and stainless steel clip.       |      |                |
| 375  | To supply, install or replace 150mm                                        | EACH | 23.80          |
|      | diameter cast iron Hubless coupling rubber and stainless steel clip.       |      |                |
| 376  | To supply, install or replace 200mm                                        | EACH | 32.30          |
|      | diameter cast iron Hubless coupling rubber and stainless steel clip.       |      |                |
| 377  | To supply, install or replace 100mm                                        | EACH | 57.80          |
|      | diameter cast iron Hubless 'p' or 's' floor trap with or without air vent. |      |                |
| 378  | To supply, install or replace 50mm                                         | EACH | 32.30          |
|      | diameter cast iron Hubless access Tee including coupling clip.             |      |                |
| 379  | To supply, install or replace 70mm                                         | EACH | 38.25          |
|      | diameter cast iron Hubless access Tee including coupling clip.             |      |                |
| 380  | To supply, install or replace 100mm                                        | EACH | 57.80          |
|      | diameter cast iron Hubless access Tee including coupling clip.             |      |                |
| 381  | To supply, install or replace 150mm                                        | EACH | 83.30          |
|      | diameter cast iron Hubless access Tee including coupling clip.             |      |                |

| S/No | Description                                                        | Unit   | Unit Cost (\$) |
|------|--------------------------------------------------------------------|--------|----------------|
| 382  | To supply, install or replace 200mm                                | EACH   | 182.75         |
|      |                                                                    |        |                |
|      | diameter cast iron Hubless access Tee                              |        |                |
|      | including coupling clip.                                           |        |                |
|      |                                                                    |        |                |
| 383  | To supply, install or replace 40mm                                 | EACH   | 34.00          |
|      |                                                                    |        |                |
|      | (1 1/2") diameter Flexible Coupling                                |        |                |
|      | Model: 7705 Shurjoint mechanical pipe                              |        |                |
|      | fittings to USA ISO 9002 UL/FM,                                    |        |                |
|      | LPC, VDS approved.                                                 |        |                |
|      | (all)                                                              |        |                |
| 384  | To supply, install or replace 50mm (2")                            | EACH   | 35.70          |
|      | Flavible Counting Madel, 7705 Churisint                            |        |                |
|      | Flexible Coupling Model: 7705 Shurjoint                            |        |                |
|      | mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved. |        |                |
|      | ot/Fivi, tFC, vD3 approved.                                        |        |                |
| 385  | To supply, install or replace 65mm                                 | EACH   | 38.25          |
| 303  | To supply, install of replace ostilli                              | 2,1011 | 30.23          |
|      | (2 1/2") diameter Flexible Coupling                                |        |                |
|      | Model: 7705 Shurjoint mechanical pipe                              |        |                |
|      | fittings to USA ISO 9002 UL/FM,                                    |        |                |
|      | LPC, VDS approved.                                                 |        |                |
|      |                                                                    |        |                |
| 386  | To supply, install or replace 80mm (3" )                           | EACH   | 42.50          |
|      |                                                                    |        |                |
|      | diameter Flexible Coupling Model: 7705                             |        |                |
|      | Shurjoint mechanical pipe fittings to                              |        |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.                             |        |                |
| 207  | To supply install or replace 100mm                                 | FACIL  | F1 00          |
| 387  | To supply, install or replace 100mm                                | EACH   | 51.00          |
|      | (4") diameter Flexible Coupling Model:                             |        |                |
|      | 7705 Shurjoint mechanical pipe                                     |        |                |
|      | fittings to USA ISO 9002 UL/FM,                                    |        |                |
|      | LPC, VDS approved.                                                 |        |                |
|      | / TEF TOTAL                                                        |        |                |
| 388  | To supply, install or replace 125mm                                | EACH   | 70.55          |
|      |                                                                    |        |                |
|      | (5") diameter Flexible Coupling Model:                             |        |                |
|      | 7705 Shurjoint mechanical pipe fittings                            |        |                |
|      | to USA ISO 9002 UL/FM, LPC, VDS                                    |        |                |
|      | approved.                                                          |        |                |
| 200  | T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                            | E 4 0  | 70.50          |
| 389  | To supply, install or replace 150mm                                | EACH   | 76.50          |
|      | (6")diameter Flexible Coupling Model:                              |        |                |
|      | 7705 Shurjoint mechanical pipe fittings                            |        |                |
|      | to USA ISO 9002 UL/FM, LPC, VDS                                    |        |                |
|      | approved.                                                          |        |                |
|      | - app. 0.00.                                                       |        |                |
| l    |                                                                    | I      | 1              |

| S/No | Description                                                                                                                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 390  | To supply, install or replace 200mm                                                                                                                                | EACH | 119.00         |
|      | (8") or 216.3 O/D diameter Flexible Coupling Model: 7705 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.                              |      |                |
| 391  | To supply, install or replace                                                                                                                                      | EACH | 55.25          |
|      | 65mm x 28mm ( 2 1/2" x 1" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.     |      |                |
| 392  | To supply, install or replace                                                                                                                                      | EACH | 56.10          |
|      | 65mm x 32mm ( 2 1/2" x 1 1/4" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved. |      |                |
| 393  | To supply, install or replace                                                                                                                                      | EACH | 56.95          |
|      | 65mm x 40mm ( 2 1/2" x 1 1/4" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved. |      |                |
| 394  | To supply, install or replace                                                                                                                                      | EACH | 61.20          |
|      | 80mm x 28mm ( 3" x 1" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.         |      |                |
| 395  | To supply, install or replace                                                                                                                                      | EACH | 62.05          |
|      | 80mm x 32 mm( 3" x 1 1/4" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.     |      |                |
| 396  | To supply, install or replace                                                                                                                                      | EACH | 62.90          |
|      | 80mm x 40mm (3" x 1 1/2") diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings                                                 |      |                |

| S/No | Description                                                                                                                                                             | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | to USA ISO 9002 UL/FM,LPC, VDS approved.                                                                                                                                |      |                |
| 397  | To supply, install or replace                                                                                                                                           | EACH | 63.75          |
|      | 80mm x 50mm ( 3" x 2" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM,LPC, VDS approved.               |      |                |
| 398  | To supply, install or replace                                                                                                                                           | EACH | 72.25          |
|      | 100mm x 28mm ( 4" x 1" ) diameter Mechanical Tee (Threaded Outlet) Model: 7721 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.             |      |                |
| 399  | To supply, install or replace                                                                                                                                           | EACH | 73.10          |
|      | 100mm x 32mm ( 4" x 1 1/4" ) diameter<br>Mechanical Tee (Threaded Outlet) Model:<br>7721 Shurjoint mechanical pipe fittings<br>to USA ISO 9002 UL/FM,LPC, VDS approved. |      |                |
| 400  | To supply, install or replace                                                                                                                                           | EACH | 73.95          |
|      | 100mm x 40mm ( 4" x 1 1/2" ) diameter<br>Mechanical Tee (Threaded Outlet) Model:<br>7721 Shurjoint mechanical pipe fittings<br>to USA ISO 9002 UL/FM,LPC, VDS approved. |      |                |
| 401  | To supply, install or replace                                                                                                                                           | EACH | 74.80          |
|      | 100mm x 50mm ( 4" x 2" ) diameter<br>Mechanical Tee (Threaded Outlet) Model:<br>7721 Shurjoint mechanical pipe fittings<br>to USA ISO 9002 UL/FM,LPC, VDS approved.     |      |                |
| 402  | To supply, install or replace                                                                                                                                           | EACH | 76.50          |
|      | 100mm x 65mm ( 4" x 2 1/2" ) diameter<br>Mechanical Tee (Threaded Outlet) Model:<br>7721 Shurjoint mechanical pipe fittings<br>to USA ISO 9002 UL/FM,LPC, VDS approved. |      |                |
| 403  | To supply, install or replace                                                                                                                                           | EACH | 78.20          |
|      | 100mm x 80mm ( 4" x 3" ) diameter<br>Mechanical Tee (Threaded Outlet) Model:<br>7721 Shurjoint mechanical pipe fittings<br>to USA ISO 9002 UL/FM,LPC, VDS approved.     |      |                |

| S/No | Description                                 | Unit   | Unit Cost (\$) |
|------|---------------------------------------------|--------|----------------|
| 404  | To supply, install or replace               | EACH   | 95.20          |
|      |                                             |        |                |
|      | 150mm x 32mm ( 6" x 1 1/4" ) diameter       |        |                |
|      | Mechanical Tee Threaded Outlet) Model:      |        |                |
|      | 7721 Shurjoint mechanical pipe fittings     |        |                |
|      | to USA ISO 9002 UL/FM,LPC, VDS approved.    |        |                |
|      |                                             |        |                |
| 405  | To supply, install or replace               | EACH   | 96.05          |
|      |                                             |        |                |
|      | 150mm x 40mm ( 6" x 1 1/2" ) diameter       |        |                |
|      | Mechanical Tee (Threaded Outlet) Model:     |        |                |
|      | 7721 Shurjoint mechanical pipe fittings     |        |                |
|      | to USA ISO 9002 UL/FM,LPC, VDS approved.    |        |                |
|      |                                             |        |                |
| 406  | To supply, install or replace               | EACH   | 96.90          |
|      |                                             |        |                |
|      | 150mm x 50mm ( 6" x 2" ) diameter           |        |                |
|      | Mechanical Tee (Threaded Outlet) Model:     |        |                |
|      | 7721 Shurjoint mechanical pipe fittings     |        |                |
|      | to USA ISO 9002 UL/FM, LPC, VDS             |        |                |
|      | approved.                                   |        |                |
| 407  | To supply install or replace                | FACIL  | 07.75          |
| 407  | To supply, install or replace               | EACH   | 97.75          |
|      | 150mm x 65mm ( 6" x 2 1/2" ) diameter       |        |                |
|      | Mechanical Tee (Threaded Outlet) Model:     |        |                |
|      | 7721 Shurjoint mechanical pipe fittings     |        |                |
|      | to USA ISO 9002 UL/FM,LPC, VDS approved.    |        |                |
|      | to OSA 130 3002 OL/TIVI,LI C, VD3 approved. |        |                |
| 408  | To supply, install or replace               | EACH   | 101.15         |
| .00  | To Supply, mistall of replace               | 2,1011 | 101.15         |
|      | 150mm x 80mm ( 6" x 3" ) diameter           |        |                |
|      | Mechanical Tee (Threaded Outlet) Model:     |        |                |
|      | 7721 Shurjoint mechanical pipe fittings     |        |                |
|      | to USA ISO 9002 UL/FM,LPC, VDS approved.    |        |                |
|      | , , , ,                                     |        |                |
| 409  | To supply, install or replace               | EACH   | 102.85         |
|      |                                             |        |                |
|      | 150mm x 100mm ( 6" x 4" ) diameter          |        |                |
|      | Mechanical Tee (Threaded Outlet) Model:     |        |                |
|      | 7721 Shurjoint mechanical pipe fittings     |        |                |
|      | to USA ISO 9002 UL/FM,LPC, VDS approved.    |        |                |
|      |                                             |        |                |
| 410  | To supply, install or replace               | EACH   | 34.00          |
|      |                                             |        |                |
|      | 40mm ( 1 1/2")diameter 90 ° Grooved Elbow   |        |                |
|      | Model: 7110 Shurjoint mechanical pipe       |        |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS    |        |                |
|      | approved.                                   |        |                |
|      |                                             |        |                |
| 411  | To supply, install or replace               | EACH   | 38.25          |
| 1    |                                             |        |                |

| S/No | Description                                        | Unit     | Unit Cost (\$) |
|------|----------------------------------------------------|----------|----------------|
|      | 50mm (2") diameter 90 ° Grooved Elbow              |          |                |
|      | Model: 7110 Shurjoint mechanical pipe              |          |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS           |          |                |
|      | approved.                                          |          |                |
| 412  | To supply, install or replace                      | EACH     | 45.90          |
|      | 65mm (2 1/2")diameter 90 ° Grooved Elbow           |          |                |
|      | Model: 7110 Shurjoint mechanical pipe              |          |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS           |          |                |
|      | approved.                                          |          |                |
| 44.2 | To supply install as souls as                      | FACU     | 55.25          |
| 413  | To supply, install or replace                      | EACH     | 55.25          |
|      | 80mm (3") diameter 90 ° Grooved Elbow              |          |                |
|      | Model: 7110 Shurjoint mechanical pipe              |          |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS           |          |                |
|      | approved.                                          |          |                |
| 414  | To supply, install or replace                      | EACH     | 73.10          |
| 127  | To Supply, install of replace                      | L/ (C/)  | 75.10          |
|      | 100mm (4") diameter 90 ° Grooved Elbow             |          |                |
|      | Model: 7110 Shurjoint mechanical pipe              |          |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS           |          |                |
|      | approved.                                          |          |                |
| 415  | To supply, install or replace                      | EACH     | 87.55          |
|      | 125mm (5") diameter 90 ° Grooved Elbow             |          |                |
|      | Model: 7110 Shurjoint mechanical pipe              |          |                |
|      | fittings to USA ISO 9002 UL/FM,                    |          |                |
|      | LPC, VDS approved.                                 |          |                |
|      |                                                    |          |                |
| 416  | To supply, install or replace                      | EACH     | 103.70         |
|      | 150mm (6") diameter 90 Grooved Elbow               |          |                |
|      | Model: 7110 Shurjoint mechanical pipe              |          |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS           |          |                |
|      | approved.                                          |          |                |
| 417  | To supply, install or replace                      | EACH     | 158.95         |
| 71,  | To Supply, install of replace                      | L/ (C/ ) | 138.33         |
|      | 200mm or 216.3 O/D ( $8"$ ) diameter 90 $^{\circ}$ |          |                |
|      | Grooved Elbow Model: 7110 Shurjoint                |          |                |
|      | mechanical pipe fittings to USA ISO 9002           |          |                |
|      | UL/FM, LPC, VDS approved.                          |          |                |
| 418  | To supply, install or replace                      | EACH     | 41.65          |
|      | 65mm (2 1/2") diameter 45 ° Grooved Elbow          |          |                |
|      | Model 7111 Shurjoint mechanical pipe               |          |                |
| I    |                                                    | 1        | ı l            |

| S/No | Description                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS                                                                                                   |      |                |
|      | approved.                                                                                                                                  |      |                |
| 419  | To supply, install or replace                                                                                                              | EACH | 55.25          |
|      | 80mm (3") diameter 45 ° Grooved Elbow                                                                                                      |      |                |
|      | Model 7111 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.                                                    |      |                |
| 420  | To supply, install or replace                                                                                                              | EACH | 71.40          |
|      | 100mm (4")diameter 45 ° Grooved Elbow                                                                                                      |      |                |
|      | Model 7111 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS                                                              |      |                |
|      | approved.                                                                                                                                  |      |                |
| 421  | To supply, install or replace                                                                                                              | EACH | 88.40          |
|      | 125mm (5") diameter 45 ° Grooved Elbow                                                                                                     |      |                |
|      | Model 7111 Shurjoint mechanical pipe                                                                                                       |      |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS approved.                                                                                         |      |                |
| 422  | To supply, install or replace                                                                                                              | EACH | 105.40         |
|      | 150mm (6") diameter 45 Grooved Elbow<br>Model 7111 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.      |      |                |
| 423  | To supply, install or replace                                                                                                              | EACH | 156.40         |
|      | 200mm (8")diameter 45 ° Grooved Elbow                                                                                                      |      |                |
|      | Model 7111 Shurjoint mechanical pipe fittings to USA ISO 9002 UL/FM, LPC, VDS approved.                                                    |      |                |
| 424  | To supply, install or replace                                                                                                              | EACH | 37.40          |
|      | 40mm (1 1/2") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved. |      |                |
| 425  | To supply, install or replace                                                                                                              | EACH | 39.95          |
|      | 50mm (2") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.     |      |                |
| I    |                                                                                                                                            |      |                |

| S/No | Description                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 426  | To supply, install or replace                                                                                                                                          | EACH | 41.65          |
|      | 65mm (2 1/2") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.                             |      |                |
| 427  | To supply, install or replace                                                                                                                                          | EACH | 48.45          |
|      | 80mm (3") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.                                 |      |                |
| 428  | To supply, install or replace                                                                                                                                          | EACH | 61.20          |
|      | 100mm (4") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.                                |      |                |
| 429  | To supply, install or replace                                                                                                                                          | EACH | 79.90          |
|      | 125mm (5") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.                                |      |                |
| 430  | To supply, install or replace                                                                                                                                          | EACH | 102.85         |
|      | 150mm (6")diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.                                 |      |                |
| 431  | To supply, install or replace                                                                                                                                          | EACH | 147.05         |
|      | 200mm (8") diameter Grooved Equal Tee<br>Model: 7120 Shurjoint mechanical pipe<br>fittings to USA ISO 9002 UL/FM, LPC, VDS<br>approved.                                |      |                |
| 432  | To supply, install or replace                                                                                                                                          | EACH | 37.40          |
|      | 65mm x 50mm ( 2 <sup>1</sup> " x 2" ) diameter<br>Grooved Con - Reducer Model: 7150<br>Shurjoint mechanical pipe fittings to<br>USA ISO 9002 UL/FM, LPC, VDS approved. |      |                |
| 433  | To supply, install or replace                                                                                                                                          | EACH | 44.20          |
|      | 80mm x 50mm ( 3" x 2" ) diameter Grooved                                                                                                                               |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | Con - Reducer Model: 7150 Shurjoint      |      |                |
|      | mechanical pipe fittings to USA ISO 9002 |      |                |
|      | UL/FM, LPC, VDS approved.                |      |                |
| 434  | To supply, install or replace            | EACH | 45.90          |
|      | 80mm x 65mm (3" x 2 1/2" ) diameter      |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |
| 435  | To supply, install or replace            | EACH | 58.65          |
|      | 100mm x 50mm ( 4" x 2" ) diameter        |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |
| 436  | To supply, install or replace            | EACH | 59.50          |
| 430  | To supply, ilistali of replace           | LACH | 39.50          |
|      | 100mm x 65mm ( 4" x 2 1/2" ) diameter    |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |
| 437  | To supply, install or replace            | EACH | 63.75          |
|      | 100mm x 80mm ( 4" x 3" ) diameter        |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |
| 438  | To supply, install or replace            | EACH | 81.60          |
|      | 150mm x 50mm ( 6" x 2" ) diameter        |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |
| 439  | To supply, install or replace            | EACH | 86.70          |
|      | 150mm x 65mm ( 6" x 2 1/2" ) diameter    |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |
| 440  | To supply, install or replace            | EACH | 88.40          |
|      | 150mm x 80mm ( 6" x 3" ) diameter        |      |                |
|      | Grooved Con - Reducer Model: 7150        |      |                |
|      | Shurjoint mechanical pipe fittings to    |      |                |
|      | USA ISO 9002 UL/FM, LPC, VDS approved.   |      |                |

| S/No | Description                                                                                                                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 441  | To supply, install or replace                                                                                                                                        | EACH | 89.25          |
|      | 150mm x 100mm ( 6" x 4" ) diameter<br>Grooved Con - Reducer Model: 7150<br>Shurjoint mechanical pipe fittings to<br>USA ISO 9002 UL/FM, LPC, VDS approved.           |      |                |
| 442  | To supply, install or replace                                                                                                                                        | EACH | 113.90         |
|      | 200mm x 100mm or 216.3 O/D (8" x 4")<br>diameter Grooved Con - Reducer Model:<br>7150 Shurjoint mechanical pipe fittings<br>to USA ISO 9002 UL/FM,LPC, VDS approved. |      |                |
| 443  | To supply, install or replace                                                                                                                                        | EACH | 32.30          |
|      | 40mm (1 1/2") diameter Grooved End Cap<br>Model: 7160                                                                                                                |      |                |
| 444  | To supply, install or replace                                                                                                                                        | EACH | 33.15          |
|      | 50mm (2") diameter Grooved End Cap<br>Model: 7160                                                                                                                    |      |                |
| 445  | To supply, install or replace                                                                                                                                        | EACH | 35.70          |
|      | 65mm (2 1/2") diameter Grooved End Cap<br>Model: 7160                                                                                                                |      |                |
| 446  | To supply, install or replace 80mm                                                                                                                                   | EACH | 38.25          |
|      | ( 3" ) diameter Grooved End Cap<br>Model: 7160                                                                                                                       |      |                |
| 447  | To supply, install or replace 100mm                                                                                                                                  | EACH | 45.90          |
|      | ( 4" ) diameter Grooved End Cap<br>Model: 7160                                                                                                                       |      |                |
| 448  | To supply, install or replace 125mm                                                                                                                                  | EACH | 56.95          |
|      | (5") diameter Grooved End Cap<br>Model: 7160                                                                                                                         |      |                |
| 449  | To supply, install or replace                                                                                                                                        | EACH | 65.45          |
|      | 150mm (6") diameter Grooved End Cap<br>Model: 7160.                                                                                                                  |      |                |
| 450  | To supply, install or replace 200mm                                                                                                                                  | EACH | 79.90          |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
|      | or 216.3 O/D ( 8" ) diameter Grooved End                                       |      |                |
|      | Cap Model: 7160                                                                |      |                |
|      |                                                                                |      |                |
| 451  | To supply, install or replace 100mm                                            | EACH | 57.80          |
|      | (All) diameter Creeved Fod Committe Dive                                       |      |                |
|      | (4") diameter Grooved End Cap with Plug Model: 7160P Shurjoint mechanical pipe |      |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS                                       |      |                |
|      | approved.                                                                      |      |                |
|      | арргочес.                                                                      |      |                |
| 452  | To supply, install or replace 150mm                                            | EACH | 78.20          |
|      |                                                                                |      |                |
|      | (6") diameter Grooved End Cap with Plug                                        |      |                |
|      | Model: 7160P Shurjoint mechanical pipe                                         |      |                |
|      | fittings to USA ISO 9002 UL/FM, LPC, VDS                                       |      |                |
|      | approved.                                                                      |      |                |
|      |                                                                                |      |                |
| 453  | To supply, install or replace                                                  | MR   | 18.11          |
|      | 100mm diameter approved vitrified clay                                         |      |                |
|      | drain pipes including flexible joints to                                       |      |                |
|      | British Standard 65 and 540 to correct                                         |      |                |
|      | line and grade and in accordance to                                            |      |                |
|      | manufacturer's specification Including                                         |      |                |
|      | labour, materials, tools and transport                                         |      |                |
|      | (trench, sand or concrete bed measured                                         |      |                |
|      | separately)                                                                    |      |                |
|      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                                        |      |                |
| 454  | To supply, install or replace                                                  | EACH | 21.93          |
|      | 150mm diameter approved vitrified clay                                         |      |                |
|      | drain pipes including flexible joints to                                       |      |                |
|      | British Standard 65 and 540 to correct                                         |      |                |
|      | line and grade and in accordance to                                            |      |                |
|      | manufacturer's specification Including                                         |      |                |
|      | labour, materials, tools and transport                                         |      |                |
|      | (trench, sand or concrete bed measured                                         |      |                |
|      | separately)                                                                    |      |                |
| 455  | To supply, install or replace                                                  | MR   | 20.25          |
| +23  | To Supply, ilistali of Teplace                                                 | IVII | 38.25          |
|      | 225m diameter approved vitrified clay                                          |      |                |
|      | drain pipes including flexible joints to                                       |      |                |
|      | British Standard 65 and 540 to correct                                         |      |                |
|      | line and grade and in accordance to                                            |      |                |
|      | manufacturer's specification Including                                         |      |                |
|      | labour, materials, tools and transport                                         |      |                |
|      | (trench, sand or concrete bed measured                                         |      |                |
|      | separately)                                                                    |      |                |
|      |                                                                                |      |                |
| 456  | To supply, install or replace                                                  | NO   | 22.10          |
| 1    |                                                                                |      |                |

| S/No | Description                                                                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------|------|----------------|
|      | 100mm diameter vitrified clay drain pipe                                                                      |      |                |
|      | fittings for bend 45° or 90°                                                                                  |      |                |
| 457  | To supply, install or replace                                                                                 | EACH | 40.80          |
|      | 150mm diameter vitrified clay drain pipe fittings for bend 45° or 90°                                         |      |                |
| 458  | To supply, install or replace                                                                                 | NO   | 70.72          |
|      | 225mm diameter vitrified clay drain pipe fittings for bend 45° or 90°                                         |      |                |
| 459  | To supply, install or replace                                                                                 | NO   | 61.63          |
|      | 150mm diameter vitrified clay drain pipe fittings for oblique junction, drop junction, tee or other fittings. |      |                |
| 460  | To supply, install or replace                                                                                 | NO   | 101.83         |
|      | 225mm diameter or above vitrified clay drain pipe for oblique junction, drop juncion, tee or other fittings.  |      |                |
| 461  | To supply, install or replace 15mm                                                                            | MR   | 10.50          |
|      | diameter Sprinkler Galvanised Iron Pipes including all brackets.                                              |      |                |
| 462  | To supply, install or replace 20mm                                                                            | MR   | 11.90          |
|      | diameter Sprinkler Galvanised Iron Pipes including all brackets.                                              |      |                |
| 463  | To supply, install or replace 25mm                                                                            | MR   | 13.52          |
|      | diameter Sprinkler Galvanised Iron Pipes including all brackets.                                              |      |                |
| 464  | To supply, install or replace 32mm                                                                            | MR   | 16.15          |
|      | diameter Sprinkler Galvanised Iron Pipes including all brackets.                                              |      |                |
| 465  | To supply, install or replace 40mm                                                                            | MR   | 18.55          |
|      | diameter Sprinkler Galvanised Iron Pipes including all brackets.                                              |      |                |
| 466  | To supply, install or replace 50mm                                                                            | MR   | 25.76          |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 467  | To supply, install or replace 65mm                                        | MR   | 35.87          |
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 468  | To supply, install or replace 80mm                                        | MR   | 44.12          |
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 469  | To supply, install or replace 100mm                                       | MR   | 59.33          |
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 470  | To supply, install or replace 150mm                                       | MR   | 88.83          |
|      | , a sapp.,,                                                               |      | 00.03          |
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 471  | To supply, install or replace 200mm                                       | MR   | 139.23         |
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 472  | To supply, install or replace 250mm                                       | MR   | 203.32         |
|      | diameter Sprinkler Galvanised Iron Pipes                                  |      |                |
|      | including all brackets.                                                   |      |                |
| 473  | To supply, install or replace 20mm                                        | EACH | 4.46           |
|      | galvanised coupling and accessories                                       |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs                                        |      |                |
|      | and providing additional holderbats if necessary.                         |      |                |
|      | necessary.                                                                |      |                |
| 474  | To supply, install or replace 25mm                                        | EACH | 5.23           |
|      | galvanised coupling and accessories                                       |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and providing additional holderbats if |      |                |
|      | necessary.                                                                |      |                |
| 475  | To supply, install or replace 40mm                                        | EACH | 7.44           |
|      | galvanised coupling and accessories                                       |      |                |
| I    | Raivaniseu coupinig and accessories                                       | I    |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs                                        |      |                |
|      | and providing additional holderbats if                                    |      |                |
|      | necessary.                                                                |      |                |
| 476  | To supply, install or replace 50mm                                        | EACH | 11.90          |
|      | galvanised coupling and accessories                                       |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs                                        |      |                |
|      | and providing additional holderbats if                                    |      |                |
|      | necessary.                                                                |      |                |
| 477  | To supply, install or replace 80mm                                        | EACH | 33.11          |
|      | galvanised coupling and accessories                                       |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs                                        |      |                |
|      | and providing additional holderbats if                                    |      |                |
|      | necessary.                                                                |      |                |
| 478  | To supply, install or replace 100mm                                       | EACH | 44.63          |
|      | galvanised coupling and accessories                                       |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs                                        |      |                |
|      | and providing additional holderbats if                                    |      |                |
|      | necessary                                                                 |      |                |
| 479  | To supply, install or replace 20mm                                        | EACH | 2.21           |
|      |                                                                           |      |                |
|      | galvanised elbows and accessories                                         |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and providing additional holderbats if |      |                |
|      | necessary.                                                                |      |                |
|      | necessary.                                                                |      |                |
| 480  | To supply, install or replace 25mm                                        | EACH | 3.06           |
|      | galvanised elbows and accessories                                         |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
| 481  | To supply, install or replace 32mm                                        | EACH | 3.95           |
|      | galvanised elbows and accessories                                         |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |

| S/No | Description                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 482  | To supply, install or replace 40mm                                                                                                                                            | EACH | 4.85           |
|      | galvanised elbows and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.               |      |                |
| 483  | To supply, install or replace 65mm                                                                                                                                            | EACH | 12.67          |
|      | galvanised elbows and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.               |      |                |
| 484  | To supply, install or replace 80mm                                                                                                                                            | EACH | 18.06          |
|      | galvanised elbows and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.               |      |                |
| 485  | To supply, install or replace 100mm                                                                                                                                           | EACH | 22.31          |
|      | galvanised elbows and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.               |      |                |
| 486  | To supply, install or replace                                                                                                                                                 | EACH | 5.36           |
|      | (25mm - 20mm) galvanised reducer and accessories including cutting off existing pipes and accessories, rethreading, all JTs and providing additional holderbats if necessary. |      |                |
| 487  | To supply, install or replace                                                                                                                                                 | EACH | 6.72           |
|      | (32mm - 25mm) galvanised reducer and accessories including cutting off existing pipes and accessories, rethreading, all JTs and providing additional holderbats if necessary. |      |                |
| 488  | To supply, install or replace                                                                                                                                                 | EACH | 8.63           |
|      | (40mm - 30mm) galvanised reducer and                                                                                                                                          |      |                |

| S/No | Description                            | Unit | Unit Cost (\$) |
|------|----------------------------------------|------|----------------|
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 489  | To supply, install or replace          | EACH | 10.41          |
|      | (50mm - 25mm) galvanised reducer and   |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 490  | To supply, install or replace          | EACH | 10.80          |
|      | (50mm - 40mm) galvanised reducer and   |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 491  | To supply, install or replace          | EACH | 17.26          |
|      | (80mm - 50mm) galvanised reducer and   |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 492  | To supply, install or replace          | EACH | 21.59          |
|      | (100mm - 50mm) galvanised reducer and  |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 493  | To supply, install or replace          | EACH | 5.65           |
|      | 20mm x 20mm x 20mm galvanised tees and |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 494  | To supply, install or replace          | EACH | 6.33           |
|      | 25mm x 20mm x 25mm galvanised tees and |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTsand providing        |      |                |
|      | additional holderbats if necessary.    |      |                |

| S/No | Description                            | Unit  | Unit Cost (\$) |
|------|----------------------------------------|-------|----------------|
| 405  | To supply install or replace           | FACII | 7.00           |
| 495  | To supply, install or replace          | EACH  | 7.06           |
|      | 25mm x 25mm x 25mm galvanised tees and |       |                |
|      | accessories including cutting off      |       |                |
|      | existing pipes and accessories, re-    |       |                |
|      | threading, all JTs and providing       |       |                |
|      | additional holderbats if necessary.    |       |                |
| 496  | To supply, install or replace          | EACH  | 10.12          |
|      | 40mm x 25mm x 40mm galvanised tees and |       |                |
|      | accessories including cutting off      |       |                |
|      | existing pipes and accessories, re-    |       |                |
|      | threading, all JTs and providing       |       |                |
|      | additional holderbats if necessary.    |       |                |
| 497  | To supply, install or replace          | EACH  | 11.31          |
|      | 40mm x 40mm x 40mm galvanised tees and |       |                |
|      | accessories including cutting off      |       |                |
|      | existing pipes and accessories, re-    |       |                |
|      | threading, all JTsand providing        |       |                |
|      | additional holderbats if necessary.    |       |                |
| 498  | To supply, install or replace          | EACH  | 12.67          |
|      | 50mm x 40mm x 50mm galvanised tees and |       |                |
|      | accessories including cutting off      |       |                |
|      | existing pipes and accessories, re-    |       |                |
|      | threading, all JTs and providing       |       |                |
|      | additional holderbats if necessary.    |       |                |
| 499  | To supply, install or replace          | EACH  | 14.15          |
|      | 50mm x 50mm x 50mm galvanised tees and |       |                |
|      | accessories including cutting off      |       |                |
|      | existing pipes and accessories, re-    |       |                |
|      | threading, all JTs and providing       |       |                |
|      | additional holderbats if necessary.    |       |                |
| 500  | To supply, install or replace          | EACH  | 16.58          |
|      | 65mm x 50mm x 65mm galvanised tees and |       |                |
|      | accessories including cutting off      |       |                |
|      | existing pipes and accessories, re-    |       |                |
|      | threading, all JTs and providing       |       |                |
|      | additional holderbats if necessary.    |       |                |
| 501  | To supply, install or replace          | EACH  | 18.45          |
|      | 65mm x 65mm x 65mm galvanised tees and |       |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | accessories including cutting off        |      |                |
|      | existing pipes and accessories, re-      |      |                |
|      | threading, all JTs and providing         |      |                |
|      | additional holderbats if necessary.      |      |                |
| 502  | To supply, install or replace            | EACH | 24.40          |
|      | 80mm x 80mm x 80mm galvanised tees and   |      |                |
|      | accessories including cutting off        |      |                |
|      | existing pipes and accessories, re-      |      |                |
|      | threading, all JTs and providing         |      |                |
|      | additional holderbats if necessary.      |      |                |
| 503  | To supply, install or replace            | EACH | 30.52          |
|      | 100mm x 100mm x 100mm galvanised tees    |      |                |
|      | and accessories including cutting off    |      |                |
|      | existing pipes and accessories, re-      |      |                |
|      | threading, all JTs and providing         |      |                |
|      | additional holderbats if necessary.      |      |                |
| 504  | To supply, install or replace            | EACH | 30.35          |
|      | 100mm x 50mm x 100mm galvanised tees and |      |                |
|      | accessories including cutting off        |      |                |
|      | existing pipes and accessories, re-      |      |                |
|      | threading, all JTs and providing         |      |                |
|      | additional holderbats if necessary.      |      |                |
| 505  | To supply, install or replace            | EACH | 7.74           |
|      | (32mm- 25mm) galvanised reducing elbow   |      |                |
|      | and accessories including cutting off    |      |                |
|      | existing pipes and accessories, re-      |      |                |
|      | threading, all joints and providing      |      |                |
|      | additional holderbats if necessary.      |      |                |
| 506  | To supply, install or replace            | EACH | 5.95           |
|      | (25mm - 20mm) galvanised reducing elbow  |      |                |
|      | and accessories including cutting off    |      |                |
|      | existing pipes and accessories, re-      |      |                |
|      | threading, all joints and providing      |      |                |
|      | additional holderbats if necessary.      |      |                |
| 507  | To supply, install or replace 20mm       | EACH | 4.17           |
|      | galvanised pipe union with two male or   |      |                |
|      | female ends and accessories including    |      |                |
|      | cutting off existing pipes and           |      |                |
|      | accessories re-threading, all JTs and    |      |                |
|      | providing additional holderbats if       |      |                |
| I    | L                                        | l    | Į į            |

| S/No | Description                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | necessary.                                                                                                                                                                                      |      |                |
| 508  | To supply, install or replace 25mm                                                                                                                                                              | EACH | 5.78           |
|      | galvanised pipe union with two male or female ends and accessories including cutting off existing pipes and accessories re-threading, all JTs and providing additional holderbats if necessary. |      |                |
| 509  | To supply, install or replace 32mm                                                                                                                                                              | EACH | 6.72           |
|      | galvanised pipe union with two male or female ends and accessories including cutting off existing pipes and accessories re-threading, all JTs and providing additional holderbats if necessary. |      |                |
| 510  | To supply, install or replace 40mm                                                                                                                                                              | EACH | 8.20           |
|      | galvanised pipe union with two male or female ends and accessories including cutting off existing pipes and accessories re-threading, all JTs and providing additional holderbats if necessary. |      |                |
| 511  | To supply, install or replace 50mm                                                                                                                                                              | EACH | 10.41          |
|      | galvanised pipe union with two male or female ends and accessories including cutting off existing pipes and accessories re-threading, all JTs and providing additional holderbats if necessary. |      |                |
| 512  | To supply, install or replace 80mm                                                                                                                                                              | EACH | 32.73          |
|      | galvanised pipe union with two male or female ends and accessories including cutting off existing pipes and accessories re-threading, all JTs and providing additional holderbats if necessary. |      |                |
| 513  | To supply, install or replace 100mm                                                                                                                                                             | EACH | 44.63          |
|      | galvanised pipe union with two male or female ends and accessories including cutting off existing pipes and                                                                                     |      |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
|      | accessories re-threading, all JTs and                                     |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
| 514  | To supply, install or replace 20mm                                        | EACH | 2.68           |
|      |                                                                           |      |                |
|      | galvanised bush and accessories including cutting off existing pipes and  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
|      |                                                                           |      |                |
| 515  | To supply, install or replace 25mm                                        | EACH | 3.57           |
|      | galvanised bush and accessories                                           |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
| 516  | To supply, install or replace 40mm                                        | EACH | 4.46           |
|      |                                                                           |      |                |
|      | galvanised bush and accessories                                           |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and providing additional holderbats if |      |                |
|      | necessary.                                                                |      |                |
|      |                                                                           |      |                |
| 517  | To supply, install or replace 50mm                                        | EACH | 5.95           |
|      | galvanised bush and accessories                                           |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
| 518  | To supply , install or replace 80mm                                       | EACH | 10.41          |
|      | galvanised bush and accessories                                           |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
| 519  | To supply, install or replace 100mm                                       | EACH | 13.39          |
|      | galvanised bush and accessories                                           |      |                |
|      | including cutting off existing pipes and                                  |      |                |
|      | accessories, re-threading, all JTs and                                    |      |                |
|      | providing additional holderbats if                                        |      |                |
|      | necessary.                                                                |      |                |
| I    |                                                                           |      |                |

| To supply, install or replace 13mm   EACH   1.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S/No | Description                              | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|------|----------------|
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  521 To supply, install or replace 20mm EACH 1.96 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm EACH 2.81 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm EACH 3.87 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm EACH 4.34 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 80mm EACH 14.88 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  527 To supply, install or replace 100mm EACH 17.85 galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and access | 520  | To supply, install or replace 13mm       | EACH |                |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  521 To supply, install or replace 20mm EACH 1.96 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm EACH 2.81 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm EACH 3.87 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm EACH 4.34 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 80mm EACH 14.88 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  527 To supply, install or replace 100mm EACH 17.85 galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and access |      |                                          |      |                |
| accessories, re-threading, all JTs and providing additional holderbats if necessary.  521 To supply, install or replace 20mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  527 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  528 To supply, install or replace 100mm galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                          |      |                |
| providing additional holderbats if necessary.  521 To supply, install or replace 20mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                          |      |                |
| necessary.  521 To supply, install or replace 20mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | _                                        |      |                |
| 521 To supply, install or replace 20mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  527 To supply, install or replace 100mm galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                          |      |                |
| galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | necessary.                               |      |                |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  527 To supply, install or replace 100mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 521  | To supply, install or replace 20mm       | EACH | 1.96           |
| accessories, re-threading, all JTs and providing additional holderbats if necessary.  522 To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | galvanised nipple and accessories        |      |                |
| providing additional holderbats if necessary.  To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  To supply, install or replace 100mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  EACH 14.88  To supply, install or replace 100mm galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | including cutting off existing pipes and |      |                |
| necessary.  522 To supply, install or replace 25mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | accessories, re-threading, all JTs and   |      |                |
| 522 To supply, install or replace 25mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cutting off existing pipes and accessories including cu |      | providing additional holderbats if       |      |                |
| galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | necessary.                               |      |                |
| galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 522  | To supply, install or replace 25mm       | EACH | 2.81           |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm EACH 3.87 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm EACH 4.34 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88 galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85 galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                          |      |                |
| accessories, re-threading, all JTs and providing additional holderbats if necessary.  523 To supply, install or replace 32mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | 1                                        |      |                |
| providing additional holderbats if necessary.  523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories in ecessary.  527 To supply, install or replace 100mm  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                          |      |                |
| necessary.  523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | _                                        |      |                |
| 523 To supply, install or replace 32mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  EACH  EACH  17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | providing additional holderbats if       |      |                |
| galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  EACH 4.34  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  EACH 17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | necessary.                               |      |                |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm EACH 4.34  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 523  | To supply, install or replace 32mm       | EACH | 3.87           |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm EACH 4.34  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | galvanised nipple and accessories        |      |                |
| accessories, re-threading, all JTs and providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories  EACH  17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                          |      |                |
| providing additional holderbats if necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                          |      |                |
| necessary.  524 To supply, install or replace 40mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | _                                        |      |                |
| galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                          |      |                |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  EACH  17.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 524  | To supply, install or replace 40mm       | EACH | 4.34           |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  EACH  17.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | galvanised ninnle and accessories        |      |                |
| accessories, re-threading, all JTs and providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 1                                        |      |                |
| providing additional holderbats if necessary.  525 To supply, install or replace 80mm EACH 14.88  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
| necessary.  To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  To supply, install or replace 100mm  galvanised nipple and accessories  EACH  17.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | _                                        |      |                |
| 525 To supply, install or replace 80mm  galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                          |      |                |
| galvanised nipple and accessories including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | necessary.                               |      |                |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85 galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 525  | To supply, install or replace 80mm       | EACH | 14.88          |
| including cutting off existing pipes and accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85 galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | galvanised nipple and accessories        |      |                |
| accessories, re-threading, all JTs and providing additional holderbats if necessary.  526 To supply, install or replace 100mm EACH 17.85 galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                          |      |                |
| providing additional holderbats if necessary.  526 To supply, install or replace 100mm  galvanised nipple and accessories  EACH 17.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                          |      |                |
| necessary.  526 To supply, install or replace 100mm galvanised nipple and accessories  EACH 17.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | _                                        |      |                |
| galvanised nipple and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                          |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 526  | To supply, install or replace 100mm      | EACH | 17.85          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | galvanised nipple and accessories        |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                          |      |                |

| S/No | Description                            | Unit | Unit Cost (\$) |
|------|----------------------------------------|------|----------------|
|      | accessories, re-threading, all JTs and |      |                |
|      | providing additional holderbats if     |      |                |
|      | necessary.                             |      |                |
| 527  | To supply, install or replace 20mm     | EACH | 2.64           |
|      | galvanised collar connector and        |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 528  | To supply, install or replace 25mm     | EACH | 3.49           |
|      | galvanised collar connector and        |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 529  | To supply, install or replace 32mm     | EACH | 5.23           |
|      | galvanised collar connector and        |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 530  | To supply, install or replace 40mm     | EACH | 6.33           |
|      | galvanised collar connector and        |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 531  | To supply, install or replace 50mm     | EACH | 7.44           |
|      | galvanised collar connector and        |      |                |
|      | accessories in including cutting off   |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
| 532  | To supply, install or replace 80mm     | EACH | 13.39          |
|      | galvanised collar connector and        |      |                |
|      | accessories including cutting off      |      |                |
|      | existing pipes and accessories, re-    |      |                |
|      | threading, all JTs and providing       |      |                |
|      | additional holderbats if necessary.    |      |                |
|      |                                        |      |                |

| S/No | Description                          | Unit | Unit Cost (\$) |
|------|--------------------------------------|------|----------------|
| 533  | To supply, install or replace 20mm   | EACH | 2.08           |
|      |                                      |      |                |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    |      |                |
|      | existing pipes and accessories re-   |      |                |
|      | threading, all JTs and providing     |      |                |
|      | additional holderbats if necessary.  |      |                |
| 534  | To supply, install or replace 25mm   | EACH | 2.98           |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    |      |                |
|      | existing pipes and accessories re-   |      |                |
|      | threading, all JTs and providing     |      |                |
|      | additional holderbats if necessary.  |      |                |
| 535  | To supply, install or replace 30mm   | EACH | 3.74           |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    |      |                |
|      | existing pipes and accessories re-   |      |                |
|      | threading, all JTs and providing     |      |                |
|      | additional holderbats if necessary.  |      |                |
|      | additional noticerbats if necessary. |      |                |
| 536  | To supply, install or replace 40mm   | EACH | 4.46           |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    |      |                |
|      | existing pipes and accessories re-   |      |                |
|      | threading, all JTs and providing     |      |                |
|      | additional holderbats if necessary.  |      |                |
| 537  | To supply, install or replace 50mm   | EACH | 5.82           |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    |      |                |
|      | existing pipes and accessories re-   |      |                |
|      | threading, all JTs and providing     |      |                |
|      | additional holderbats if necessary.  |      |                |
| 538  | To supply, install or replace 65mm   | EACH | 5.95           |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    |      |                |
|      | existing pipes and accessories re-   |      |                |
|      | threading, all JTs and providing     |      |                |
|      | additional holderbats if necessary.  |      |                |
| 539  | To supply, install or replace 80mm   | EACH | 7.44           |
|      |                                      |      |                |
|      | galvanised cap end or plug and       |      |                |
|      | accessories including cutting off    | l    | l l            |

| S/No | Description                                           | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------|------|----------------|
|      | existing pipes and accessories re-                    |      |                |
|      | threading, all JTs and providing                      |      |                |
|      | additional holderbats if necessary.                   |      |                |
| 540  | To supply, install or replace 100mm                   | EACH | 10.41          |
|      | galvanised cap end or plug and                        |      |                |
|      | accessories including cutting off                     |      |                |
|      | existing pipes and accessories re-                    |      |                |
|      | threading, all JTs and providing                      |      |                |
|      | additional holderbats if necessary.                   |      |                |
| 541  | To supply, install or replace 100mm                   | EACH | 13.26          |
|      | diameter Galvanised Flanged Plate.                    |      |                |
| 542  | To supply, install or replace                         | JOB  | 18.36          |
|      | bolted flanged Joints including                       |      |                |
|      | necessary drilling, thread ends, flange               |      |                |
|      | plates, gaskets, bolts and nuts to 50mm               |      |                |
|      | diameter galvanised pipe.                             |      |                |
| 543  | To supply, install or replace                         | JOB  | 27.54          |
|      | bolted flanged Joints including                       |      |                |
|      | necessary drilling, thread ends, flange               |      |                |
|      | plates, gaskets, bolts and nuts to 75mm               |      |                |
|      | diameter galvanised pipe.                             |      |                |
| 544  | To supply, install or replace                         | JOB  | 35.70          |
|      | bolted flanged Joints including                       |      |                |
|      | necessary drilling, thread ends, flange               |      |                |
|      | plates, gaskets, bolts and nuts to 100mm              |      |                |
|      | diameter galvanised pipe.                             |      |                |
| 545  | Not In Use                                            | -    |                |
| 546  | Supply & install or replace pendant                   | EACH | 127.08         |
|      | spray sprinkler head with adjustable 2                |      |                |
|      | piece ceiling plate c/w range pipe.                   |      |                |
| 547  | Supply & Install or replace pendant                   | EACH | 190.61         |
|      | spray sprinkler head with cover plate c/w range pipe. |      |                |
| 548  | Supply & Install or replace pendant                   | EACH | 127.08         |
|      | spray sprinkler head without ceiling                  |      |                |

| S/No | Description                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | plate c/w range pipe.                                                                                                                                       |      |                |
| 549  | Supply & Install or replace upright                                                                                                                         | EACH | 127.08         |
|      | spray sprinker head without ceiling plate c/w range pipe.                                                                                                   |      |                |
| 550  | Supply & Install or replace relocation                                                                                                                      | EACH | 76.50          |
|      | of sprinkler head and c/w range pipe.                                                                                                                       |      |                |
| 551  | Supply & Install or replace 100mm                                                                                                                           | EACH | 3,812.25       |
|      | diameter sprinkler alarm valve c/w alarm gong, trimset, pressure switch and gauge complying to CP 52 : 2004, Automatic Fire Sprinkler System.               |      |                |
| 552  | Supply & Install or replace 150mm                                                                                                                           | EACH | 5,083.00       |
|      | diameter sprinkler alarm valve c/w alarm gong, trimset, pressure switch and gauge complying to CP 52 : 2004, Automatic Fire Sprinkler System.               |      |                |
| 553  | Supply & Install or replace pressure                                                                                                                        | EACH | 255.00         |
|      | switch (for 300 psi and below)                                                                                                                              |      |                |
| 554  | Supply & Install or replace flow switch                                                                                                                     | EACH | 340.00         |
|      | (for 300 psi and below)                                                                                                                                     |      |                |
| 555  | Supply & Install or replace 2 ways                                                                                                                          | EACH | 635.38         |
|      | (420 sq. mm x 300 D) Breaching Inlet Installation c/w cabinet lockets and keys for Fire Brigade to comply with Automatic Fire Sprinkler System CP 52: 2004  |      |                |
| 556  | Supply & Install or replace 4 ways                                                                                                                          | EACH | 889.53         |
|      | (420 sq. mm x 300 D) Breaching Inlet Installation c/w cabinet lockset and keys for Fire Brigade to comply with Automatic Fire Sprinkler System CP 52 : 2004 |      |                |
| 557  | Supply & Install or replace 100mm dial                                                                                                                      | EACH | 51.85          |
|      | face Pressure Gauge (0 to 14 bar) c/w gauge cock.                                                                                                           |      |                |

| S/No | Description                                                    | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------|------|----------------|
| 558  | Supply & Install or replace 80mm                               | EACH | 1,402.50       |
|      | diameter (500 - 1000 1/m) Shunt gap flow meter.                |      |                |
| 559  | Supply & Install or replace 100mm                              | EACH | 1,491.75       |
|      | diameter (1000 - 2500 1/m) Shunt gap glow meter.               |      |                |
| 560  | Supply & Install or replace 150mm                              | EACH | 1,768.00       |
|      | diameter (1000 - 5000 1/m) Shunt gap flow meter.               |      |                |
| 561  | Supply & Install or replace 150mm                              | EACH | 99.45          |
|      | diameter Alarm Sounder (weather proof)                         |      |                |
| 562  | Supply & Install or replace 200mm                              | EACH | 168.30         |
|      | diameter Alarm Sounder (weather proof)                         |      |                |
| 563  | Supply & Install or replace 150mm                              | EACH | 56.10          |
|      | diameter Alarm Sounder (normal)                                |      |                |
| 564  | Supply & Install or replace 200mm                              | EACH | 113.90         |
|      | diameter Alarm Sounder (normal)                                |      |                |
| 565  | Supply & Install or replace Landing                            | EACH | 430.95         |
|      | Valve (2 outlets) for Dry Riser c/w cabinet, lockset and keys. |      |                |
| 566  | Supply & Install or replace Landing                            | EACH | 182.75         |
|      | Valve (1 outlet) for Dry Riser c/w cabinet, lockeset and keys. |      |                |
| 567  | Supply & Install or replace Landing                            | EACH | 21.25          |
|      | Valve cap c/w chain.                                           |      |                |
| 568  | Supply & Install or replace Air release                        | EACH | 51.00          |
|      | valve.                                                         |      |                |
| 569  | Supply & Install or replace pendant                            | EACH | 23.46          |
|      | spray spinkler head.                                           |      |                |

| S/No | Description                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------|------|----------------|
| 570  | Supply & Install or replace upright                 | EACH | 23.46          |
|      | spray sprinkler head.                               |      |                |
| 571  | Supply & Install or replace conceal                 | EACH | 63.54          |
|      | sprinkler with white cover plate.                   |      |                |
| 572  | Supply & Install or replace sprinkler               | EACH | 29.28          |
|      | 2 piece adjustable plate.                           |      |                |
| 573  | Supply & Install or replace white cover             | EACH | 29.28          |
|      | plate for conceal sprinkler.                        |      |                |
| 574  | Supply & Install or replace metal guard             | EACH | 21.51          |
|      | for sprinkler.                                      |      |                |
| 575  | Supply & Install or replace conceal                 | EACH | 81.13          |
|      | sprinkler with white cover plate (79 degree)        |      |                |
| 576  | Supply & Install or replace sprinkler               | EACH | 23.46          |
|      | 2 piece adjustable plate (79 degree) for sprinkler. |      |                |
| 577  | Supply & Install or replace white cover             | EACH | 29.28          |
|      | plate for conceal sprinkler (79 degree)             |      |                |
| 578  | Supply & Install or replace Metal guard             | EACH | 19.55          |
|      | (79 degree) for sprinkler.                          |      |                |
| 579  | Supply & Install or replace pendant                 | EACH | 35.19          |
|      | spray sprinkler head (141 degree).                  |      |                |
| 580  | Supply & Install or replace upright                 | EACH | 35.19          |
|      | spray sprinkler head (141 degree)                   |      |                |
| 581  | Supply & Install or replace conceal                 | EACH | 95.80          |
|      | sprinkler with white cover plate (141 degree)       |      |                |

| S/No | Description                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------|------|----------------|
| 582  | Supply & Install or replace sprinkler                                                     | EACH | 23.46          |
|      | 2 piece adjustable plate (141 degree)                                                     |      |                |
| 583  | Supply & Install or replace white cover                                                   | EACH | 31.28          |
|      | plate for conceal sprinkler (141 degree)                                                  |      |                |
| 584  | Supply & Install or replace metal guard                                                   | EACH | 21.51          |
|      | for sprinkler (141 degree)                                                                |      |                |
| 585  | Repainting of 20mm diameter Sprinkler                                                     | MR   | 6.80           |
|      | pipes (inclusive of one primer coat and two finishing coat of SISIR approved paint)       |      |                |
| 586  | Repainting of 25mm diameter Sprinkler                                                     | MR   | 8.31           |
|      | pipes (inclusive of one primer coat and<br>two finishing coat of SISIR approved<br>paint) |      |                |
| 587  | Repainting of 32mm diameter Sprinkler                                                     | MR   | 8.80           |
|      | pipes (inclusive of one primer coat and two finishing coat of SISIR approved paint)       |      |                |
| 588  | Repainting of 40mm diameter Sprinkler                                                     | MR   | 9.29           |
|      | pipes (inclusive of one primer coat and<br>two finishing coat of SISIR approved<br>paint) |      |                |
| 589  | Repainting of 50mm diameter Sprinkler                                                     | MR   | 9.78           |
|      | pipes (inclusive of one primer coat and two finishing coat of SISIR approved paint)       |      |                |
| 590  | Repainting of 65mm diameter Sprinkler                                                     | MR   | 10.27          |
|      | pipes (inclusive of one primer coat and two finshing coat of SISIR approved paint)        |      |                |
| 591  | Repainting of 80mm diameter Sprinkler                                                     | MR   | 10.75          |
|      | pipes (inclusive of one primer coat and tow finishing coat of SISIR approved              |      |                |

| S/No | Description                                                                     | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------|------|----------------|
|      | paint)                                                                          |      |                |
| 592  | Repainting 100mm diameter Sprinkler                                             | MR   | 11.25          |
|      | pipes (inclusive of one primer coat and two finishing coating of SISIR approved |      |                |
|      | paint)                                                                          |      |                |
| 593  | Repainting of 150mm diameter                                                    | MR   | 11.73          |
|      | (inclusive of one prime coat and two                                            |      |                |
|      | finishing coat of SISIR approved paint)  Material No: 8700050072                |      |                |
|      | Old Material No: CF0072I                                                        |      |                |
| 594  | Coating of existing 20mm diameter                                               | MR   | 43.31          |
|      |                                                                                 |      | .0.0_          |
|      | Sprinkler pipes with fire proofing or                                           |      |                |
|      | equivalent material (2 hour rated)                                              |      |                |
|      | approved by FSB.                                                                |      |                |
| 595  | Coating of existing 25mm diameter                                               | MR   | 49.22          |
|      | Sprinkler pipes with fire proofing or                                           |      |                |
|      | equivalent material (2 hour rated)                                              |      |                |
|      | approved by FSB.                                                                |      |                |
| 596  | Coating of existing 32mm diameter                                               | MR   | 51.00          |
|      | Sprinkler pipes with fire proofing or                                           |      |                |
|      | equivalent material (2 hour rated)                                              |      |                |
|      | approved by FSB.                                                                |      |                |
| 597  | Coating of existing 40mm diameter                                               | MR   | 60.52          |
|      | Sprinkler pipes with fire proofing                                              |      |                |
|      | or equivalent material (2 hour                                                  |      |                |
|      | rated) approved by FSB.                                                         |      |                |
| 598  | Coating of existing 50mm diameter                                               | MR   | 64.81          |
|      | Sprinkler pipes with fire proofing                                              |      |                |
|      | or equivalent material (2 hour                                                  |      |                |
|      | rated) approved by FSB.                                                         |      |                |
| 599  | Coating of existing 65mm diameter                                               | MR   | 75.61          |
|      |                                                                                 |      |                |
|      | Sprinkler pipes with fire proofing or                                           |      |                |
|      | equivalent material (2 hour rated) approved by FSB.                             |      |                |
|      | approved by 13b.                                                                |      |                |
| •    | •                                                                               | •    |                |

| S/No | Description                                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 600  | Coating of existing 80mm diameter                                                                                                                                                                                                     | MR   | 86.40          |
|      | Sprinkler pipes with fire proofing or equivalent material (2 hour rated) approved by FSB.                                                                                                                                             |      |                |
| 601  | Coating of existing 100mm diameter                                                                                                                                                                                                    | MR   | 107.99         |
|      | Sprinkler pipes with fire proofing or equivalent material (2 hour rated) approved by FSB.                                                                                                                                             |      |                |
| 602  | Coating of existing 150mm diameter                                                                                                                                                                                                    | MR   | 129.63         |
|      | Sprinkler pipes with fire proofing or equivalent material (2 hour rated) approved by FSB.                                                                                                                                             |      |                |
| 603  | To supply labour to drain and                                                                                                                                                                                                         | JOB  | 221.00         |
|      | recharge of sprinkler system upon completion of job.                                                                                                                                                                                  |      |                |
| 604  | To supply labour to isolate and                                                                                                                                                                                                       | 0 10 | 126.31         |
|      | recharge system upon completion of job<br>Material No: 8700050083<br>Old Material No: CF0083I                                                                                                                                         |      |                |
| 605  | To supply and install alarm gong                                                                                                                                                                                                      | EACH | 540.09         |
|      | (not more than 8" dia.)                                                                                                                                                                                                               |      |                |
| 606  | To supply and install side wall                                                                                                                                                                                                       | EACH | 49.85          |
|      | spray spinkler                                                                                                                                                                                                                        |      |                |
| 607  | To supply, install or replace 13mm                                                                                                                                                                                                    | MR   | 5.53           |
|      | diameter Galvanised Steel pipe to SS 17 with PUB approved internal lining including hacking of hole through walls or slabs, cutting off existing and disposed off site. (all pipe fittings and trench excavation measured separately) |      |                |
| 608  | To supply, install or replace 19mm                                                                                                                                                                                                    | MR   | 7.10           |
|      | diameter Galvanised Steel pipe to SS 17<br>with PUB approved internal lining<br>including hacking of hole through walls                                                                                                               |      |                |

| S/No | Description                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------|------|----------------|
|      | or slabs, cutting off existing and         |      |                |
|      | disposed off site. (all pipe fittings      |      |                |
|      | and trench excavation measured separately) |      |                |
|      | separatery)                                |      |                |
| 609  | To supply, install or replace 25mm         | MR   | 10.24          |
|      | diameter Galvanised Steel pipe to SS 17    |      |                |
|      | with PUB approved internal lining          |      |                |
|      | including hacking of hole through walls    |      |                |
|      | or slabs, cutting off existing and         |      |                |
|      | disposed off site. (all pipe fittings      |      |                |
|      | and trench excavation measured             |      |                |
|      | separately)                                |      |                |
| 610  | To supply, install or replace 32mm         | MR   | 13.22          |
|      | diameter Galvanised Steel pipe to SS 17    |      |                |
|      | with PUB approved internal lining          |      |                |
|      | including all necessary pipe holderbats    |      |                |
|      | /brackets, etc. fixed to                   |      |                |
|      | brickwork/concrete or laid in cased        |      |                |
|      | concrete, in floor or trench. (All pipe    |      |                |
|      | fittings and chasing concrete or trench    |      |                |
|      | excavation measured seperately)            |      |                |
| 611  | To supply, install or replace 40mm         | MR   | 15.05          |
|      | diameter Galvanised Steel pipe to SS 17    |      |                |
|      | with PUB approved internal lining          |      |                |
|      | including hacking of hole through walls    |      |                |
|      | or slabs, cutting off existing and         |      |                |
|      | disposed off site. (all pipe fittings      |      |                |
|      | and trench excavation measured             |      |                |
|      | separately)                                |      |                |
| 612  | To supply, install or replace 50mm         | MR   | 18.74          |
|      | diameter Galvanised Steel pipe to SS 17    |      |                |
|      | with PUB approved internal lining          |      |                |
|      | including hacking of hole through walls    |      |                |
|      | or slabs, cutting off existing and         |      |                |
|      | disposed off site. (all pipe fittings      |      |                |
|      | and trench excavation measured             |      |                |
|      | separately)                                |      |                |
| 613  | To supply, install or replace 65mm         | MR   | 24.86          |
|      | diameter Galvanised Steel pipe to SS 17    |      |                |
|      | with PUB approved internal lining          |      |                |
|      | including hacking of hole through walls    |      |                |
|      | or slabs, cutting off existing and         |      |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
|      | disposed off site and make good all work                                  |      |                |
|      | disturbed on completion. (all pipe                                        |      |                |
|      | fittings and trench excavation measured                                   |      |                |
|      | separately)                                                               |      |                |
| 614  | To supply, install or replace 75mm-80mm                                   | MR   | 30.73          |
|      | diameter Galvanised Steel pipe to SS 17                                   |      |                |
|      | with PUB approved internal lining                                         |      |                |
|      | including hacking of hole through walls                                   |      |                |
|      | or slabs, cutting off existing and                                        |      |                |
|      | disposed off site. (all pipe fittings                                     |      |                |
|      | and trench excavation measured                                            |      |                |
|      | separately)                                                               |      |                |
| 615  | To supply, install or replace 100mm                                       | MR   | 38.89          |
|      | diameter Galvanised Steel pipe to SS 17                                   |      |                |
|      | with PUB approved internal lining                                         |      |                |
|      | including hacking of hole through walls                                   |      |                |
|      | or slabs, cutting off existing and                                        |      |                |
|      | disposed off site. (all pipe fittings                                     |      |                |
|      | and trench excavation measured                                            |      |                |
|      | separately)                                                               |      |                |
| 616  | To supply, install or replace 150mm                                       | MR   | 70.55          |
|      | diameter Galvanised Steel pipe to SS 17                                   |      |                |
|      | with PUB approved internal lining                                         |      |                |
|      | including hacking of hole through walls                                   |      |                |
|      | or slabs, cutting off existing and                                        |      |                |
|      | disposed off site. (all pipe fittings                                     |      |                |
|      | and trench excavation measured                                            |      |                |
|      | separately)                                                               |      |                |
| 617  | To supply, install or replace 13mm                                        | EACH | 1.28           |
|      | diameter Sector Calvaniced Stack size                                     |      |                |
|      | diameter Socket Galvanised Steel pipe                                     |      |                |
|      | fitting with PUB approved internal lining, including cutting off existing |      |                |
|      | pipes and fittings. (Trench excavation                                    |      |                |
|      | measured separately)                                                      |      |                |
|      | Theasarea separately,                                                     |      |                |
| 618  | To supply, install or replace 25mm                                        | EACH | 2.89           |
|      | diameter Socket Galvanised steel pipe                                     |      |                |
|      | fitting with PUB approved internal                                        |      |                |
|      | lining, including cutting off existing                                    |      |                |
|      | pipes and fittings. (Trench excavation                                    |      |                |
|      | measured separately)                                                      |      |                |
|      |                                                                           |      | ]              |

| S/No | Description                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------|------|----------------|
| 619  | To supply, install or replace 40mm                 | EACH | 4.25           |
|      |                                                    |      |                |
|      | diameter Socket Galvanised Steel pipe              |      |                |
|      | fitting with PUB approved internal                 |      |                |
|      | lining, including cutting off existing             |      |                |
|      | pipes and fittings.(Trench excavation              |      |                |
|      | measured separately)                               |      |                |
| 620  | To supply, install or replace 50mm                 | EACH | 5.53           |
|      | diameter Socket Galvanised Steel pipe              |      |                |
|      | fitting with PUB approved internal                 |      |                |
|      | lining, including cutting off existing             |      |                |
|      | pipes and fittings.(Trench excavation              |      |                |
|      | measured separately)                               |      |                |
| 621  | To supply, install or replace 65mm                 | EACH | 10.88          |
|      | diameter Socket Galvanised Steel pipe              |      |                |
|      | fitting with PUB approved internal                 |      |                |
|      | lining, including cutting off existing             |      |                |
|      | pipes fittings.(Trench excavation                  |      |                |
|      | measured separately)                               |      |                |
|      |                                                    |      |                |
| 622  | To supply, install or replace 75mm                 | EACH | 13.26          |
|      | diameter Socket Galvanised Steel pipe              |      |                |
|      | fitting with PUB approved internal                 |      |                |
|      | lining, including cutting off existing             |      |                |
|      | pipes and fittings. (Trench excavation             |      |                |
|      | measured separately)                               |      |                |
| 623  | To supply, install or replace                      | EACH | 6.04           |
|      | 35 mans v 12 mans v 25 mans diameter Body sins Too |      |                |
|      | 25mm x 13mm x 25mm diameter Reducing Tee           |      |                |
|      | Galvanised Steel pipe fitting with PUB             |      |                |
|      | approved internal lining and                       |      |                |
|      | accessories, including cutting off                 |      |                |
|      | existing pipes and fittings.(Trench                |      |                |
|      | excavation measured separately)                    |      |                |
| 624  | To supply, install or replace                      | EACH | 12.07          |
|      | 50mm x 25mm x 50mm diameter Reducing Tee           |      |                |
|      | Galvanised Steel pipe fitting with PUB             |      |                |
|      | approved internal lining and                       |      |                |
|      | accessories, including cutting off                 |      |                |
|      | existing pipes and fittings.(Trench                |      |                |
|      | excavation measured separately)                    |      |                |
|      |                                                    |      |                |
| 625  | To supply , install or replace                     | EACH | 27.20          |
| 1    |                                                    |      | I              |

| S/No | Description                              | Unit    | Unit Cost (\$) |
|------|------------------------------------------|---------|----------------|
|      | 75mm x 32mm x 75mm diameter Reducing Tee |         |                |
|      | Galvanised Steel pipe fitting with PUB   |         |                |
|      | approved internal lining and             |         |                |
|      | accessories, including cutting off       |         |                |
|      | existing pipes and fittings.(Trench      |         |                |
|      | excavation measured separately)          |         |                |
| 626  | To supply, install or replace            | EACH    | 20.06          |
|      | 65mm x 50mm diameter Reducing Elbow      |         |                |
|      | Galvanised Steel pipe fitting with PUB   |         |                |
|      | approved internal lining and             |         |                |
|      | accessories,including cutting existing   |         |                |
|      | pipes and fittings.(Trench excavation    |         |                |
|      | measured separately)                     |         |                |
|      |                                          |         |                |
| 627  | To supply, install or replace            | EACH    | 18.28          |
|      | 65mm x 13mm diameter Reducing Elbow      |         |                |
|      | Galvanised Steel pipe fitting with PUB   |         |                |
|      | approved internal lining and             |         |                |
|      | accessories, including cutting off       |         |                |
|      | existing pipes and fittings.(Trench      |         |                |
|      | excavation measured separately)          |         |                |
| 628  | To supply, install or replace            | EACH    | 10.37          |
|      | 50mm x 40mm diameter Reducing Elbow      |         |                |
|      | Galvanised Steel pipe fitting with PUB   |         |                |
|      | approved internal lining and             |         |                |
|      | accessories, including cutting off       |         |                |
|      | existing pipes and fittings. (Trench     |         |                |
|      | excavation measured separately)          |         |                |
|      | excavation measured separately)          |         |                |
| 629  | To supply, install or replace            | EACH    | 9.95           |
|      | 50mm x 13mm diameter Reducing Elbow      |         |                |
|      | Galvanised Steel pipe fitting with PUB   |         |                |
|      | approved internal lining and             |         |                |
|      | accessories, including cutting off       |         |                |
|      | existing pipes and fittings.(Trench      |         |                |
|      | excavation measured separately)          |         |                |
| 65.5 |                                          | <b></b> |                |
| 630  | To supply, install or replace 13mm       | EACH    | 2.30           |
|      | diameter Tee Galvanised Steel pipe       |         |                |
|      | fitting with PUB approved internal       |         |                |
|      | lining and accessories, including        |         |                |
|      | cutting off existing pipes and fittings. |         |                |
|      | (Trench excavation measured separately)  |         |                |
|      |                                          |         |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 631  | To supply, install or replace 25mm       | EACH | 4.25           |
|      |                                          |      |                |
|      | diameter Tee Galvanised Steel pipe       |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining and accessories, including        |      |                |
|      | cutting off existing pipes and           |      |                |
|      | fittings.(Trench excavation measured     |      |                |
|      | separately)                              |      |                |
| 632  | To supply, install or replace 40mm       | EACH | 6.72           |
|      | diameter Tee Galvanised Steel pipe       |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining and accessories, including        |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | to all work disturbed on completion.     |      |                |
|      | (Trench excavation measured separately)  |      |                |
| 633  | To supply, install or replace 50mm       | EACH | 8.50           |
|      |                                          |      |                |
|      | diameter Tee Galvanised Steel pipe       |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining and accessories, including        |      |                |
|      | cutting off existing pipes and fittings. |      |                |
|      | (Trench excavation measured separately)  |      |                |
| 634  | To supply, install or replace 65mm       | EACH | 20.06          |
|      | diameter Tee Galvanised Steel pipe       |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining andaccessories, including cutting |      |                |
|      | off existing pipes and fittings.(Trench  |      |                |
|      | excavation measured separately)          |      |                |
| 635  | To supply, install or replace 75mm       | EACH | 22.70          |
|      | diameter Tee Galvanised Steel pipe       |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining and accessories, including        |      |                |
|      | cutting off existing pipes and fittings. |      |                |
|      | (Trench excavation measured seperately)  |      |                |
| 636  | To supply, install or replace 13mm       | EACH | 1.36           |
|      |                                          |      |                |
|      | diameter Elbow Galvanised Steel          |      |                |
|      | pipe fitting with PUB approved internal  |      |                |
|      | lining, including cutting off existing   |      |                |
|      | pipes and fittings.(Trench excavation    |      |                |
|      | measured separately)                     |      |                |
| 637  | To supply, install or replace 75mm       | EACH | 19.21          |
|      |                                          |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | diameter Elbow/Bend Galvanised Steel     |      |                |
|      | pipe fitting with PUB approved internal  |      |                |
|      | lining, including cutting off existing   |      |                |
|      | pipes and fittings.(Trench excavation    |      |                |
|      | measured separately)                     |      |                |
| 638  | To supply, install or replace - new      | EACH | 1.04           |
|      | galvanised steel holderbats or clips     |      |                |
|      | for water pipes not exceeding 25mm       |      |                |
|      | diameter including making good all       |      |                |
|      | work disturbed.                          |      |                |
| 639  | To supply, install or replace - new      | EACH | 1.22           |
|      | galvanised steel holderbats or clips     |      |                |
|      | for water pipes exceeding 25mm           |      |                |
|      | diameter but not exceeding 50mm          |      |                |
|      | diameter including making good all work  |      |                |
|      | disturbed.                               |      |                |
| 640  | To supply, install or replace - new      | EACH | 2.62           |
|      | galvanised steel holderbats or clips     |      |                |
|      | for water pipes exceeding 50mm           |      |                |
|      | diameter including making good all       |      |                |
|      | work disturbed.                          |      |                |
|      |                                          |      |                |
| 641  | To supply, install or replace 50mm       | EACH | 6.84           |
|      | diameter nipple Galvanised Steel pipe    |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining, including cutting off existing   |      |                |
|      | pipes and fittings. (Trench excavation   |      |                |
|      | measured separately)                     |      |                |
| 642  | To supply, install or replace 75mm       | EACH | 14.79          |
|      | diameter nipple Galvanised Steel pipe    |      |                |
|      | fitting with PUB approved internal       |      |                |
|      | lining, including cutting off existing   |      |                |
|      | pipes and fittings.(Trench excavation    |      |                |
|      | measured separately)                     |      |                |
| 643  | To supply, install or replace 32mm       | EACH | 6.21           |
|      | galvanised steel "P" or "S" trap with    |      |                |
|      | cleaning eye in new or replacement       |      |                |
|      | including all connections and adjustment |      |                |
|      | to pipe.                                 |      |                |
|      |                                          |      |                |

| S/No | Description                                   | Unit  | Unit Cost (\$) |
|------|-----------------------------------------------|-------|----------------|
| 644  | To supply, install or replace 38mm            | EACH  | 7.65           |
|      |                                               |       |                |
|      | galvanised steel "P" or "S" trap with         |       |                |
|      | cleaning eye in new or replacement            |       |                |
|      | including all connections and adjustment      |       |                |
|      | to pipe.                                      |       |                |
| 645  | To supply, install or replace 32mm            | EACH  | 22.53          |
|      | brass with cleaning eye in new or             |       |                |
|      | replacement including connections and         |       |                |
|      | adjustment to pipe.                           |       |                |
|      |                                               |       |                |
| 646  | To supply, install or replace 38mm            | EACH  | 27.88          |
|      | brass trap with cleaning eye in new or        |       |                |
|      | replacement including connections and         |       |                |
|      | adjustment to pipe.                           |       |                |
|      |                                               |       |                |
| 647  | To supply, install or replace 38mm            | EACH  | 32.81          |
|      | diameter approved polygrathana antionid       |       |                |
|      | diameter approved polyurethane antiacid       |       |                |
|      | "P" or "S" trap in new or replacement         |       |                |
|      | including all connections and adjustment      |       |                |
|      | to pipe.                                      |       |                |
| 648  | To supply, install or replace 38mm            | EACH  | 67.83          |
|      | diameter approved vulcathene anti-acid        |       |                |
|      | "P" or "S" trap in new or replacement         |       |                |
|      | including all connections and adjustment      |       |                |
|      | to pipe.                                      |       |                |
| 649  | To supply, install or replace Approved        | EACH  | 2.76           |
|      | 40 45 11 1                                    |       |                |
|      | 13mm - 15mm diameter brass compression        |       |                |
|      | coupling stainless steel pipes and            |       |                |
|      | fittings to BS 4127.                          |       |                |
| 650  | To supply, install or replace Approved        | EACH  | 3.32           |
|      |                                               |       | 0.0_           |
|      | 22mm diameter brass compression coupling      |       |                |
|      | stainless steel pipes and fittings to BS 4127 |       |                |
| 654  |                                               | FACIL | 5 70           |
| 651  | To supply, install or replace Approved        | EACH  | 5.70           |
|      | 28mm diameter brass compression coupling      |       |                |
|      | stainless steel pipes and fittings to BS 4127 |       |                |
|      |                                               |       |                |
| 652  | To supply, install or replace Approved        | EACH  | 7.57           |
|      |                                               |       |                |
|      | 35mm diameter brass compression coupling      |       |                |

| S/No | Description                                                                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------|------|----------------|
|      | stainless steel pipes and fittings to BS 4127                                                      |      |                |
| 653  | To supply, install or replace Approved                                                             | EACH | 9.44           |
|      | 42mm diameter brass compression coupling stainless steel pipes and fittings to BS 4127             |      |                |
| 654  | To supply, install or replace Approved                                                             | EACH | 12.07          |
|      | 54mm diameter brass compression coupling stainless steel pipes and fittings to BS 4127             |      |                |
| 655  | To supply, install or replace Approved                                                             | EACH | 14.96          |
|      | 42mm x 54mm diameter Coupling/Union<br>Compression for Stainless Steel pipes<br>fittings to BS 864 |      |                |
| 656  | To supply, install or replace approved                                                             | EACH | 14.37          |
|      | 35mm x 54mm diameter Coupling/Union<br>Compression for Stainless Steel pipes<br>fittings to BS 864 |      |                |
| 657  | To supply, install or replace approved                                                             | EACH | 13.94          |
|      | 54mm diameter Brass Stop End fitting to<br>BS 864 for Stainless Steel pipes                        |      |                |
| 658  | To supply, install or replace approved                                                             | EACH | 2.64           |
|      | 54mm diameter Brass Nipple fitting to<br>BS 864 for Stainless Steel pipes                          |      |                |
| 659  | To supply, install or replace approved                                                             | EACH | 8.25           |
|      | 28mm x 15mm x 28mm diameter Tee<br>Compression fitting to BS 864 for<br>Stainless Steel pipes      |      |                |
| 660  | To supply, install or replace 40mm                                                                 | EACH | 153.00         |
|      | (1 1/2 ") diameter or below stainless steel clamp.                                                 |      |                |
| 661  | To supply, install or replace 50mm                                                                 | EACH | 174.25         |
|      | (2 ") diameter stainless steel clamp.                                                              |      |                |
| 662  | To supply, install or replace 65mm                                                                 | EACH | 187.00         |
|      | (2 1/2") diameter stainless steel clamp.                                                           |      |                |

| S/No | Description                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------|------|----------------|
| 663  | To supply, install or replace 80mm                                                       | EACH | 208.25         |
|      | (3 ") diameter stainless steel clamp.                                                    |      |                |
| 664  | To supply, install or replace 100mm                                                      | EACH | 221.00         |
|      | (4 ") diameter stainless steel clamp.                                                    |      |                |
| 665  | To supply, install or replace 150mm                                                      | EACH | 297.50         |
|      | (6 ") diameter stainless steel clamp.                                                    |      |                |
| 666  | To supply, install or replace 200mm                                                      | EACH | 323.00         |
|      | (8 ") diameter stainless steel clamp.                                                    |      |                |
| 667  | To supply, install or replace 300mm                                                      | EACH | 416.50         |
|      | (12 ") diameter or above stainless steel clamp.                                          |      |                |
| 668  | To supply, install or replace approved                                                   | EACH | 3.32           |
|      | 13mm - 15mm diameter Elbow Compression<br>fitting to BS 864 for Stainless Steel<br>pipes |      |                |
| 669  | To supply, install or replace approved                                                   | EACH | 3.91           |
|      | 22mm diameter Elbow Compression fitting<br>to BS 864 for Stainless Steel pipes           |      |                |
| 670  | To supply, install or replace approved                                                   | EACH | 5.19           |
|      | 28mm diameter Elbow Compression fitting<br>to BS 864 for Stainless Steel pipes           |      |                |
| 671  | To supply, install or replace approved                                                   | EACH | 8.59           |
|      | 35mm diameter Elbow Compression fitting to BS 864 for Stainless Steel pipes              |      |                |
| 672  | To supply, install or replace approved                                                   | EACH | 11.31          |
|      | 42mm diameter Elbow Compression fitting<br>to BS 864 for Stainless Steel pipes           |      |                |
| 673  | To supply, install or replace approved                                                   | EACH | 17.26          |
|      | 54mm diameter Elbow Compression fitting<br>to BS 864 for Stainless Steel pipes           |      |                |

| S/No | Description                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 674  | To supply, install or replace approved                                                                                                                                                                                                                      | EACH | 23.97          |
|      | 75mm diameter Elbow Compression fitting to BS 864 for Stainless Steel pipes.                                                                                                                                                                                |      |                |
| 675  | To supply, install or replace 38mm                                                                                                                                                                                                                          | MR   | 29.24          |
|      | diameter Polypropylene or other equal and approved non-corrosive, acid resistance pipes and fittings fixed with moulded holding clips or brackets to users' requirements where necessary and jointed by "Mechanical" method or any other means as required. |      |                |
| 676  | To supply, install or replace 51mm                                                                                                                                                                                                                          | MR   | 36.55          |
|      | diameter Polypropylene or other equal and approved non-corrosive, acid-resistance pipes and fittings fixed with moulded holding clips or brackets to users' requirements where necessary and jointed by "Mechanical" method or any other means as required. |      |                |
| 677  | To supply, install or replaced 76mm                                                                                                                                                                                                                         | MR   | 69.57          |
|      | diameter Polpropylene or other equal and approved non-corrosive, acid-resistance pipes and fittings fixed with moulded holding clips or brackets to users' requirements where necessary and jointed by "Mechanical" method or any other means as required.  |      |                |
| 678  | To supply, install or replace 102mm                                                                                                                                                                                                                         | MR   | 106.96         |
|      | diameter Polypropylene or other equal and approved non-corrosive, acid-resistance pipes and fittings with moulded holding clips or brackets to users' requirements where necessary and jointed by "Mechanical" method or any other means as required.       |      |                |
| 679  | To supply, install or replace Approved                                                                                                                                                                                                                      | EACH | 67.53          |
|      | 76mm x 76mm x 76mm tee polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on                                                                                                            |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | completion.                              |      |                |
| 680  | To supply, install or replace Approved   | EACH | 91.80          |
|      | 102mm x 102mm x 102mm tee polypropylene  |      |                |
|      | pipe (chemical resistant) fittings       |      |                |
|      | including cutting off existing pipes and |      |                |
|      | make good all work disturbed on          |      |                |
|      | completion.                              |      |                |
| 681  | To supply, install or replace Approved   | EACH | 58.44          |
|      | 76mm elbow Polypropylene pipe (chemical  |      |                |
|      | resistant) fittings including cutting    |      |                |
|      | off existing pipes and make good all     |      |                |
|      | work disturbed on completion.            |      |                |
| 682  | To supply, install or replace Approved   | EACH | 68.64          |
|      | 102mm elbow Polypropylene pipe (chemical |      |                |
|      | resistant) fittings including cutting    |      |                |
|      | off existing pipes and make good all     |      |                |
|      | work disturbed on completion.            |      |                |
| 683  | To supply, install or replace Approved   | EACH | 20.06          |
|      | 76mm x 38mm reducer Polypropylene pipe   |      |                |
|      | (chemical resistant) fittings including  |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion.        |      |                |
| 684  | To supply, install or replace Approved   | EACH | 23.50          |
|      | 75mm x 51mm reducer Polypropylene pipe   |      |                |
|      | (chemical resistant) fittings including  |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion.        |      |                |
| 685  | To supply, install or replace Approved   | EACH | 30.26          |
|      | 100mm x 51mm reducer Polypropylene pipe  |      |                |
|      | (chemical resistant) fittings including  |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion.        |      |                |
| 686  | To supply, install or replace Approved   | EACH | 31.32          |
|      | 102mm x 51mm reducer Polypropylene pipe  |      |                |
|      | (chemical resistant) fittings including  |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion.        |      |                |
| [    |                                          |      |                |

| S/No | Description                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------|------|----------------|
| 687  | To supply, install or replace Approved                                     | EACH | 32.98          |
|      | 100 76                                                                     |      |                |
|      | 102mm x 76mm reducer Polypropylene pipe                                    |      |                |
|      | (chemical resistant) fittings including                                    |      |                |
|      | cutting off existing pipes and make good all work disturbed on completion. |      |                |
|      | an work disturbed on completion.                                           |      |                |
| 688  | To supply, install or replace Approved                                     | EACH | 33.66          |
|      | 38mm x 38mm x 38mm tee polypropylene                                       |      |                |
|      | pipe (chemical resistant) fittings                                         |      |                |
|      | including cutting off existing pipes and                                   |      |                |
|      | make good all work disturbed on                                            |      |                |
|      | completion.                                                                |      |                |
| 689  | To supply, install or replace Approved                                     | EACH | 45.22          |
|      |                                                                            |      |                |
|      | 51mm x 51mm x 51mm tee polypropylene                                       |      |                |
|      | pipe (chemical resistant) fittings                                         |      |                |
|      | including cutting off existing pipes and                                   |      |                |
|      | make good all work disturbed on                                            |      |                |
|      | completion.                                                                |      |                |
| 690  | To supply, install or replace Approved                                     | EACH | 28.94          |
|      | 38mm elbow Polyproplene pipe (chemical                                     |      |                |
|      | resistant) fittings including cutting                                      |      |                |
|      | off existing pipes and make good all                                       |      |                |
|      | work disturbed on completion.                                              |      |                |
| 691  | To supply, install or replace Approved                                     | EACH | 39.10          |
|      |                                                                            |      |                |
|      | 51mm elbow Polypropylene pipe (chemical                                    |      |                |
|      | resistant) fittings including cutting                                      |      |                |
|      | off existing pipes and make good all                                       |      |                |
|      | work disturbed on completion.                                              |      |                |
| 692  | To supply, install or replace Approved                                     | EACH | 16.45          |
|      | 51mm x 38mm reducer Polypropylene pipe                                     |      |                |
|      | (chemical resistant) fittings including                                    |      |                |
|      | cutting off existing pipes and make good                                   |      |                |
|      | all work disturbed on completion.                                          |      |                |
| 693  | To supply, install or replace Approved                                     | EACH | 26.01          |
|      |                                                                            |      |                |
|      | 38mm socket connect Polypropylene pipe                                     |      |                |
|      | (chemical resistant) fittings including                                    |      |                |
|      | cutting off existing pipes and make good                                   |      |                |
|      | all work disturbed on completion.                                          |      |                |
| l l  |                                                                            | l    | I              |

| To supply, install or replace Approved  S1mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  695 To supply, install or replace Approved  76mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved  697 To supply, install or replace Approved  698 To supply, install or replace Approved  699 To supply, install or replace Approved  690 To supply, install or replace Approved  690 To supply, install or replace Approved  691 To supply, install or replace Approved  692 To supply, install or replace Approved  693 To supply, install or replace Approved  694 To supply, install or replace Approved  695 To supply, install or replace Approved  696 To supply, install or replace Approved  697 To supply, install or replace Approved  698 To supply, install or replace Approved  699 To supply, install or replace Approved  699 To supply, install or replace Approved  690 To supply, install or replace Approved  690 To supply, install or replace Approved  691 To supply, install or replace Approved  692 To supply, install or replace Approved  693 To supply, install or replace Approved  694 To supply, install or replace Approved  695 To supply, install or replace 13mm  697 To supply, install or replace 15mm  698 MR diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  698 Including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. | S/No | Description                              | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|------|----------------|
| 51mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  695 To supply, install or replace Approved  FACH 52.57  76mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  Asmm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  Asmm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to S1 41 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to S1 41 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                      |      | · · · · · · · · · · · · · · · · · · ·    |      |                |
| (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  To supply, install or replace Approved  To supply, install or replace Approved  EACH  To supply, install or replace Approved  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  To supply, install or replace 13mm  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)                                                                                                                                                                                                                    |      |                                          |      |                |
| cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  76mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  FACH  To supply, install or replace Approved  EACH  To supply, install or replace Approved  EACH  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  SS.08  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  SS.09  To supply, install or replace Approved  EACH  EACH  25.50  Amm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace 13mm  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  MR  3.95                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | 51mm socket connect Polypropylene pipe   |      |                |
| all work disturbed on completion.  To supply, install or replace Approved  76mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                     |      | (chemical resistant) fittings including  |      |                |
| To supply, install or replace Approved 76mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved 102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                  |      | cutting off existing pipes and make good |      |                |
| 76mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  Asmm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off excavation measured separately)  700 To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | all work disturbed on completion.        |      |                |
| (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off exacting and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                       | 695  | To supply, install or replace Approved   | EACH | 52.57          |
| (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  696 To supply, install or replace Approved  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off exacting and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                       |      | 76mm socket connect Polynronylane nine   |      |                |
| cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                          |      |                |
| all work disturbed on completion.  To supply, install or replace Approved  (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  55.08  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  55.08  To supply, install or replace Approved  EACH  25.50  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace 13mm  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                          |      |                |
| 102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                          |      |                |
| 102mm socket connect Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                          |      |                |
| (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking off hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 696  | To supply, install or replace Approved   | EACH | 67.89          |
| cutting off existing pipes and make good all work disturbed on completion.  697 To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                          |      |                |
| all work disturbed on completion.  To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  EACH  25.50  To supply, install or replace 13mm  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                          |      |                |
| To supply, install or replace Approved  38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  EACH  25.50  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | cutting off existing pipes and make good |      |                |
| 38mm bottle trap Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | all work disturbed on completion.        |      |                |
| (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking off hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 697  | To supply, install or replace Approved   | EACH | 55.08          |
| (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking off hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | 38mm bottle trap Polypropylene pipe      |      |                |
| cutting off existing pipes and make good all work disturbed on completion.  698 To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                          |      |                |
| all work disturbed on completion.  To supply, install or replace Approved  38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                          |      |                |
| 38mm waste Polypropylene pipe (chemical resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace 13mm  MR  3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                          |      |                |
| resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 698  | To supply, install or replace Approved   | EACH | 25.50          |
| resistant) fittings including cutting off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | 29mm wasta Balunranylana nina (chamical  |      |                |
| off existing pipes and make good all work disturbed on completion.  699 To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                          |      |                |
| work disturbed on completion.  To supply, install or replace 13mm  MR 3.74  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                          |      |                |
| diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.74  MR  3.74  MR  3.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
| diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | Work distarbed on completion.            |      |                |
| pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 699  | To supply, install or replace 13mm       | MR   | 3.74           |
| pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | diameter UPVC Heavy Duty water supply    |      |                |
| existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                          |      |                |
| good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | hole through walls or slabs, cutting off |      |                |
| (all pipe fittings and trench excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | existing and disposed off site and make  |      |                |
| excavation measured separately)  To supply, install or replace 15mm-16mm  MR  3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | good all work disturbed on completion.   |      |                |
| 700 To supply, install or replace 15mm-16mm  MR 3.95  diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | (all pipe fittings and trench            |      |                |
| diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | excavation measured separately)          |      |                |
| pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 700  | To supply, install or replace 15mm-16mm  | MR   | 3.95           |
| pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | diameter UPVC Heavy Duty water supply    |      |                |
| hole through walls or slabs, cutting off existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                          |      |                |
| existing and disposed off site and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                          |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                          |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                          |      |                |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
|      | (all pipe fittings and trench excavation                                       |      |                |
|      | measured separately)                                                           |      |                |
|      |                                                                                |      |                |
| 701  | To supply, install or replace 20mm                                             | MR   | 4.42           |
|      | diameter UDVC Harris Duty water awards                                         |      |                |
|      | diameter UPVC Heavy Duty water supply                                          |      |                |
|      | pipe to SS 141 including hacking of hole                                       |      |                |
|      | through walls or slabs, cutting off                                            |      |                |
|      | existing and disposed off site and make good all work disturbed on completion. |      |                |
|      | (all pipe fittings and trench                                                  |      |                |
|      | excavation measured separately)                                                |      |                |
|      | excavation measured separately)                                                |      |                |
| 702  | To supply, install or replace 25mm                                             | MR   | 5.91           |
|      | diameter UPVC Heavy Duty water supply                                          |      |                |
|      | pipe to SS 141 including hacking of                                            |      |                |
|      | hole through walls or slabs, cutting off                                       |      |                |
|      | existing and disposed off site and make                                        |      |                |
|      | good all work disturbed on completion.                                         |      |                |
|      | (all pipe fittings and trench                                                  |      |                |
|      | excavation measured separately)                                                |      |                |
|      |                                                                                |      |                |
| 703  | To supply, install or replace 32mm                                             | MR   | 6.42           |
|      | diameter UPVC Heavy Duty water supply                                          |      |                |
|      | pipe to SS 141 including hacking of hole                                       |      |                |
|      | through walls or slabs, cutting off                                            |      |                |
|      | existing and disposed off site and make                                        |      |                |
|      | good all work disturbed on completion.                                         |      |                |
|      | (all pipe fittings and trench                                                  |      |                |
|      | excavation measured separately)                                                |      |                |
| 704  | To supply install an apple of 40 page                                          | NAD  | 7.65           |
| 704  | To supply, install or replace 40mm                                             | MR   | 7.65           |
|      | diameter UPVC Heavy Duty water supply                                          |      |                |
|      | pipe to SS 141 including hacking of hole                                       |      |                |
|      | through walls or slabs, cutting off                                            |      |                |
|      | existing and disposed off site and make                                        |      |                |
|      | good all work disturbed on completion.                                         |      |                |
|      | (all pipe fittings and trench                                                  |      |                |
|      | excavation measured separately)                                                |      |                |
|      |                                                                                |      |                |
| 705  | To supply, install or replace 50mm                                             | MR   | 9.65           |
|      | diameter UPVC Heavy Duty water supply                                          |      |                |
|      | pipe to SS 141 including hacking of                                            |      |                |
|      | hole through walls or slabs, cutting off                                       |      |                |
|      | existing and disposed off site and make                                        |      |                |
|      | good all work disturbed on completion.                                         |      |                |
|      | (all pipe fittings and trench                                                  |      |                |
|      | excavation measured separately)                                                |      |                |
| •    | ·                                                                              | •    | . '            |

| S/No | Description                                                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 706  | To supply, install or replace 80mm                                                                                                                                                                                                                               | MR   | 12.07          |
|      | diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion.  (all pipe fittings and trench excavation measured separately) |      |                |
| 707  | To supply, install or replace 100mm                                                                                                                                                                                                                              | MR   | 17.77          |
|      | diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  |      |                |
| 708  | To supply, install or replace 155mm                                                                                                                                                                                                                              | MR   | 21.72          |
|      | diameter UPVC Heavy Duty water supply pipe to SS 141 including hacking of hole through walls or slabs, cutting off existing and disposed off site and make good all work disturbed on completion. (all pipe fittings and trench excavation measured separately)  |      |                |
| 709  | To supply, install or replace Approved                                                                                                                                                                                                                           | EACH | 2.30           |
|      | 16mm UPVC heavy duty bend elbow and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                |      |                |
| 710  | To supply, install or replace Approved                                                                                                                                                                                                                           | EACH | 2.47           |
|      | 20mm UPVC heavy duty bend elbow and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                |      |                |
| 711  | To supply, install or replace Approved                                                                                                                                                                                                                           | EACH | 2.72           |
|      | 25mm UPVC heavy duty bend elbow and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                |      |                |

| S/No | Description                                       | Unit | Unit Cost (\$) |
|------|---------------------------------------------------|------|----------------|
| 712  | To supply, install or replace Approved            | EACH | 3.06           |
|      |                                                   |      |                |
|      | 32mm UPVC heavy duty bend elbow and               |      |                |
|      | fittings including cutting off existing           |      |                |
|      | pipes and make good all work disturbed            |      |                |
|      | on completion.                                    |      |                |
| 713  | To supply, install or replace Approved            | EACH | 4.08           |
|      | 40mm UPVC heavy duty bend elbow and               |      |                |
|      | fittings including cutting off existing           |      |                |
|      | pipes and make good all work disturbed            |      |                |
|      | on completion.                                    |      |                |
| 714  | To supply, install or replace Approved            | EACH | 5.02           |
|      | 50mm UPVC heavy duty bend elbow and               |      |                |
|      | fittings including cutting off existing           |      |                |
|      | pipes and make good all work disturbed            |      |                |
|      | on completion.                                    |      |                |
|      |                                                   |      |                |
| 715  | To supply, install or replace Approved            | EACH | 11.31          |
|      | 80mm UPVC heavy duty bend elbow and               |      |                |
|      | fittings including cutting off existing           |      |                |
|      | pipes and make good all work disturbed            |      |                |
|      | on completion.                                    |      |                |
|      |                                                   |      |                |
| 716  | To supply, install or replace Approved            | EACH | 19.47          |
|      | 100mm UPVC heavy duty bend elbow and              |      |                |
|      | fittings including cutting off existing           |      |                |
|      | pipes and make good all work disturbed            |      |                |
|      | on completion.                                    |      |                |
| 717  | To supply, install or replace Approved            | EACH | 24.00          |
|      | 155 mars LIDVC hoover, duty, begind all accounted |      |                |
|      | 155mm UPVC heavy duty bend elbow and              |      |                |
|      | fittings including cutting off existing           |      |                |
|      | pipes and make good all work disturbed            |      |                |
|      | on completion.                                    |      |                |
| 718  | To supply, install or replace Approved            | EACH | 2.13           |
|      | 16mm UPVC heavy duty connector or socket          |      |                |
|      | and fittings including cutting off                |      |                |
|      | existing pipes and make good all work             |      |                |
|      | disturbed on completion.                          |      |                |
|      | ·                                                 |      |                |
| 719  | To supply, install or replace Approved            | EACH | 2.30           |
|      | 20mm LIDVC heavy duty connector or seeket         |      |                |
| 1    | 20mm UPVC heavy duty connector or socket          |      |                |

| and fittings including cutting off existing pipes and make good all work disturbed on completion.  720 To supply, install or replace Approved  25mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                  | S/No | Description                              | Unit | Unit Cost (\$) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|------|----------------|
| disturbed on completion.  720 To supply, install or replace Approved  25mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace Approved  65mm diameter UPVC heavy duty connector or socket fittings to including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                      |      |                                          |      |                |
| To supply, install or replace Approved  25mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  725 To supply, install or replace approved  60mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion. |      |                                          |      |                |
| 25mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace Approved  65mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                      |      | disturbed on completion.                 |      |                |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace Approved  65mm diameter UPVC heavy duty Connector or socket and fittings including cutting off existing pipes and make good to all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting cutting cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                             | 720  | To supply, install or replace Approved   | EACH | 2.55           |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace Approved  65mm diameter UPVC heavy duty Connector or socket and fittings including cutting off existing pipes and make good to all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting cutting cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                             |      | 25mm UPVC heavy duty connector or socket |      |                |
| disturbed on completion.  721 To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or socket and fittings in including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                      |      |                                          |      |                |
| To supply, install or replace Approved  32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  65mm diameter UPVC heavy duty Connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion.  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | existing pipes and make good all work    |      |                |
| 32mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  7.23  EACH  7.24  100mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | disturbed on completion.                 |      |                |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting for existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 721  | To supply, install or replace Approved   | EACH | 2.72           |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  722 To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting for existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | 32mm UPVC heavy duty connector or socket |      |                |
| disturbed on completion.  To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  15.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                          |      |                |
| To supply, install or replace Approved  40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  7.23  To supply, install or replace Approved  EACH  15.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | existing pipes and make good all work    |      |                |
| 40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved EACH 3.40  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved MR 6.97  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved EACH 7.23  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved EACH 15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | disturbed on completion.                 |      |                |
| 40mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved EACH 3.40  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved MR 6.97  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved EACH 7.23  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved EACH 15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 722  | To supply, install or replace Approved   | EACH | 3 32           |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                          |      | 3.32           |
| existing pipes and make good all work disturbed on completion.  723 To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                          |      |                |
| disturbed on completion.  To supply, install or replace Approved  SOmm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace approved  MR 6.97  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH 7.23  To supply, install or replace Approved  EACH 15.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                          |      |                |
| To supply, install or replace Approved  50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
| 50mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | disturbed on completion.                 |      |                |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 723  | To supply, install or replace Approved   | EACH | 3.40           |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | 50mm UPVC heavy duty connector or socket |      |                |
| disturbed on completion.  724 To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                          |      |                |
| To supply, install or replace approved  65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | existing pipes and make good all work    |      |                |
| 65mm diameter UPVC heavy duty Connector or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | disturbed on completion.                 |      |                |
| or Socket fittings to including cutting off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 724  | To supply, install or replace approved   | MR   | 6.97           |
| off existing pipes and make good to all work disturbed on completion. (Trench excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | 65mm diameter UPVC heavy duty Connector  |      |                |
| work disturbed on completion. (Trench excavation measured seperately)  To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | or Socket fittings to including cutting  |      |                |
| excavation measured seperately)  725 To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                          |      |                |
| To supply, install or replace Approved  80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  To supply, install or replace Approved  EACH  15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | ·                                        |      |                |
| 80mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved EACH 15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | excavation measured seperately)          |      |                |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 725  | To supply, install or replace Approved   | EACH | 7.23           |
| and fittings including cutting off existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | 80mm UPVC heavy duty connector or socket |      |                |
| existing pipes and make good all work disturbed on completion.  726 To supply, install or replace Approved EACH 15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | • •                                      |      |                |
| To supply, install or replace Approved EACH 15.47  100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                          |      |                |
| 100mm UPVC heavy duty connector or socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | disturbed on completion.                 |      |                |
| socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 726  | To supply, install or replace Approved   | EACH | 15.47          |
| socket and fittings including cutting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | 100mm UPVC heavy duty connector or       |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | off existing pipes and make good all     |      |                |

| S/No | Description                                                                                                                                 | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | work disturbed on completion.                                                                                                               |      |                |
| 727  | To supply, install or replace Approved                                                                                                      | EACH | 19.84          |
|      | 155mm UPVC heavy duty connector or socket and fittings including cutting off existing pipes and make good all work disturbed on completion. |      |                |
| 728  | To supply, install or replace Approved                                                                                                      | EACH | 2.38           |
|      | 16mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.         |      |                |
| 729  | To supply, install or replace Approved                                                                                                      | EACH | 2.47           |
|      | 20mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.         |      |                |
| 730  | To supply, install or replace Approved                                                                                                      | EACH | 2.68           |
|      | 25mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.         |      |                |
| 731  | To supply, install or replace Approved                                                                                                      | EACH | 2.87           |
|      | 32mmUPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.          |      |                |
| 732  | To supply, install or replace Approved                                                                                                      | EACH | 4.08           |
|      | 40mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.         |      |                |
| 733  | To supply, install or replace Approved                                                                                                      | EACH | 6.55           |
|      | 50mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.         |      |                |

| S/No | Description                                                                                                                          | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 734  | To supply, install or replace Approved                                                                                               | EACH | 11.18          |
|      | 80mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion.  |      |                |
| 735  | To supply, install or replace Approved                                                                                               | EACH | 18.91          |
|      | 100mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion. |      |                |
| 736  | To supply, install or replace Approved                                                                                               | EACH | 27.41          |
|      | 155mm UPVC heavy duty valve socket and fittings including cutting off existing pipes and make good all work disturbed on completion. |      |                |
| 737  | To supply, install or replace Approved                                                                                               | EACH | 0.85           |
|      | 20mm UPVC saddle clip and fittings including cutting off existing pipes and make good all work disturbed on completion.              |      |                |
| 738  | To supply, install or replace Approved                                                                                               | EACH | 1.11           |
|      | 25mm UPVC saddle clip and fittings including cutting off existing pipes and make good all work disturbed on completion.              |      |                |
| 739  | To supply, install or replace Approved                                                                                               | EACH | 1.19           |
|      | 32mm UPVC saddle clip and fittings including cutting off existing pipes and make good all work disturbed on completion.              |      |                |
| 740  | To supply, install or replace Approved                                                                                               | EACH | 1.36           |
|      | 40mm UPVC saddle clip and fittings including cutting off existing pipes and make good all work disturbed on completion.              |      |                |
| 741  | To supply, install or replace Approved                                                                                               | EACH | 1.36           |
|      | 50mm UPVC saddle clip and fittings                                                                                                   |      |                |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
|      | including cutting off existing pipes and                                       |      |                |
|      | make good all work disturbed on                                                |      |                |
|      | completion.                                                                    |      |                |
| 742  | To supply, install or replace Approved                                         | EACH | 2.47           |
|      | 16mm UPVC heavy duty faucet socket and                                         |      |                |
|      | fittings including cutting off existing                                        |      |                |
|      | pipes and make good all work disturbed                                         |      |                |
|      | on completion.                                                                 |      |                |
|      | 20mm UPVC heavy duty faucet socket and                                         |      |                |
|      | fittings including cutting off existing                                        |      |                |
|      | pipes and make good all work disturbed                                         |      |                |
|      | on completion.                                                                 |      |                |
| 744  | To supply, install or replace Approved                                         | EACH | 2.72           |
|      | pipes and make good all work disturbed                                         |      |                |
|      | on completion.                                                                 |      |                |
|      |                                                                                |      |                |
| 745  | To supply, install or replace Approved                                         | EACH | 1.45           |
|      | 16mm UPVC heavy duty end cap and                                               |      |                |
|      | fittings including cutting off existing                                        |      |                |
|      | The tributing sateling on existing                                             |      |                |
| 746  | To supply, install or replace Approved                                         | EACH | 1.74           |
|      | 20 mar UDVC has a salata and a salata                                          |      |                |
|      | 20mm UPVC heavy duty end cap and                                               |      |                |
|      | fittings including cutting off existing pipes and make good all work disturbed |      |                |
|      | on completion.                                                                 |      |                |
|      | on completion.                                                                 |      |                |
| 747  | To supply, install or replace Approved                                         | EACH | 1.91           |
|      | 25mm UPVC heavy duty end cap and                                               |      |                |
|      | fittings including cutting off existing                                        |      |                |
|      | pipes and make good all work disturbed                                         |      |                |
|      | on completion.                                                                 |      |                |
| 748  | To supply, install or replace Approved                                         | EACH | 2.08           |
|      | 32mm UPVC heavy duty end cap and                                               |      |                |
|      | fittings including cutting off existing                                        |      |                |
|      | pipes and make good all work disturbed                                         |      |                |
|      | on completion.                                                                 |      |                |
|      |                                                                                |      |                |
| 749  | To supply, install or replace Approved                                         | EACH | 3.15           |
|      | 40mm UPVC heavy duty end cap and                                               |      |                |
|      | fittings including cutting off existing                                        |      |                |
|      | pipes and make good all work disturbed                                         |      |                |
|      | on completion.                                                                 |      |                |
| •    | ·                                                                              | l I  | . !            |

| S/No | Description                                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 750  | To supply, install or replace Approved                                                                                                                                                                                | EACH | 5.82           |
|      | 50mm UPVC heavy duty end cap and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                        |      |                |
| 751  | To supply, install or replace Approved                                                                                                                                                                                | EACH | 9.14           |
|      | 80mm UPVC heavy duty end cap and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                        |      |                |
| 752  | To supply, install or replace Approved                                                                                                                                                                                | EACH | 15.56          |
|      | 100mm UPVC heavy duty end cap and fitting including cutting off existing pipes and make good all work disturbed on completion.                                                                                        |      |                |
| 753  | To supply, install or replace approved                                                                                                                                                                                | EACH | 2.21           |
|      | 20mm x 13mm UPVC heavy duty reducing socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                         |      |                |
| 754  | To supply, install or replace approved                                                                                                                                                                                | EACH | 2.47           |
|      | 25mm x 20mm UPVC heavy duty reducing socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                         |      |                |
| 755  | To supply, install or replace approved                                                                                                                                                                                | EACH | 2.72           |
|      | 32mm x 25mm UPVC heavy duty reducer and fittings including cutting off existing pipes and make good all work disturbed on completion.                                                                                 |      |                |
| 756  | To supply, install or replace approved                                                                                                                                                                                | EACH | 4.93           |
|      | 40mm x 32mm UPVC heavy duty reducer and fittings including cutting off existing pipes and make good all work disturbed on completion. 50mm x 25mm UPVC heavy duty reducer and fittings including cutting off existing |      |                |

| S/No | Description                                                                                                                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | pipes and make good all work disturbed                                                                                                                             |      |                |
|      | on completion.                                                                                                                                                     |      |                |
| 758  | To supply, install or replace Approved                                                                                                                             | EACH | 8.16           |
|      | pipes and make good all work disturbed on completion.                                                                                                              |      |                |
| 759  | To supply, install or replace Approved                                                                                                                             | EACH | 12.92          |
|      | 80mm x 50mm UPVC heavy duty reducer and fittings including cutting off existing pipes and make good all work disturbed on completion.                              |      |                |
| 760  | To supply, install or replace Approved                                                                                                                             | EACH | 24.78          |
|      | 100mm x 50mm UPVC heavy duty reducer and fittings including cutting off existing pipes and make good all work disturbed on completion.                             |      |                |
| 761  | To supply, install or replace Approved                                                                                                                             | EACH | 27.20          |
|      | 100mm x 80mm UPVC heavy duty reducing socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                     |      |                |
| 762  | To supply, install or replace Approved                                                                                                                             | EACH | 43.31          |
|      | 150mm x 100mm UPVC heavy duty reducing socket and fittings including cutting off existing pipes and make good all work disturbed on completion.                    |      |                |
| 763  | To supply, install or replace Approved                                                                                                                             | EACH | 3.32           |
|      | 16mm x 16mm x 16mm UPVC heavy duty Tee and fittings including cutting off existing pipes and make good all work disturbed on completion.                           |      |                |
| 764  | To supply, install or replace Approved                                                                                                                             | EACH | 3.49           |
|      | 20mm x 20mm x 20mm UPVC heavy duty Tee and fittings including cutting off existing pipes and make good all work disturbed on completion.  Old Material No: CA5032I |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 765  | To supply, install or replace Approved   | EACH | 3.83           |
|      |                                          |      |                |
|      | 25mm x 25mm x 25mm UPVC heavy duty Tee   |      |                |
|      | and fittings including cutting off       |      |                |
|      | existing pipes and make good all work    |      |                |
|      | disturbed on completion.                 |      |                |
| 766  | To supply, install or replace Approved   | EACH | 4.68           |
|      | 32mm x 32mm x 32mm UPVC heavy duty Tee   |      |                |
|      | and fittings including cutting off       |      |                |
|      | existing pipes and make good all work    |      |                |
|      | disturbed on completion.                 |      |                |
| 767  | To supply, install or replace Approved   | EACH | 5.36           |
|      |                                          |      |                |
|      | 40mm x 40mm x 40mm UPVC heavy duty Tee   |      |                |
|      | and fittings including cutting off       |      |                |
|      | existing pipes and make good all work    |      |                |
|      | disturbed on completion.                 |      |                |
| 768  | To supply, install or replace Approved   | EACH | 7.48           |
|      | 50mm x 50mm x 50mm UPVC heavy duty Tee   |      |                |
|      | and fittings including cutting off       |      |                |
|      | existing pipes and make good all work    |      |                |
|      | disturbed on completion.                 |      |                |
| 769  | To supply, install or replace Approved   | EACH | 3.57           |
|      | 25mm x 16mm x 25mm UPVC heavy duty       |      |                |
|      | Reducing Tee and fittings including      |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion.        |      |                |
|      |                                          |      |                |
| 770  | To supply, install or replace Approved   | EACH | 4.93           |
|      | 40mm x 20mm x 40mm UPVC heavy duty       |      |                |
|      | Reducing Tee and fittings including      |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion.        |      |                |
|      | 40mm x 25mm x 40mm UPVC heavy duty       |      |                |
|      | Reducing Tee and fittings including      |      |                |
|      | cutting off existing pipes and make good |      |                |
|      | all work disturbed on completion         |      |                |
| 772  | To supply, install or replace approved   | EACH | 5.95           |
|      | 40mm x 32mm x 40mm diameter UPVC         |      |                |
|      | heavy duty Reducing Tee fittings to      |      |                |
|      | including cutting off existing pipes and |      |                |
|      | make good to all work disturbed on       |      |                |

| S/No | Description                                                            | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------|------|----------------|
|      | completion.(Trench excavation measured                                 |      |                |
|      | seperately)                                                            |      |                |
|      |                                                                        |      |                |
| 773  | To supply, install or replace Approved                                 | EACH | 5.95           |
|      | FOrmer Advances FOrmer HDVC harman date                                |      |                |
|      | 50mm x 40mm x 50mm UPVC heavy duty                                     |      |                |
|      | Reducing Tee and fittings including                                    |      |                |
|      | cutting off existing pipes and make good                               |      |                |
|      | all work disturbed on completion.                                      |      |                |
|      | 80mm x 50mm x 80mm UPVC heavy duty Reducing Tee and fittings including |      |                |
|      | cutting off existing pipes and make good                               |      |                |
|      | all work disturbed on completion.                                      |      |                |
|      | all work disturbed on completion.                                      |      |                |
| 775  | To supply, install or replace Approved                                 | EACH | 15.98          |
|      | 75mm x 75mm x 75mm UPVC heavy duty Tee                                 |      |                |
|      | and fittings including cutting off                                     |      |                |
|      | existing pipes and make good all work                                  |      |                |
|      | disturbed on completion.                                               |      |                |
|      | astarbea on completion.                                                |      |                |
| 776  | To supply, install or replace Approved                                 | EACH | 24.40          |
|      | 100mm x 50mm x 100mm UPVC heavy duty                                   |      |                |
|      | Reducing Tee and fittings including                                    |      |                |
|      | cutting off existing pipes and make good                               |      |                |
|      | all work disturbed on completion.                                      |      |                |
|      | ·                                                                      |      |                |
| 777  | To supply, install or replace Approved                                 | EACH | 31.45          |
|      | 100mm x 100mm x 100mm UPVC heavy duty                                  |      |                |
|      | Tee and fittings including cutting off                                 |      |                |
|      | existing pipes and make good all work                                  |      |                |
|      | disturbed on completion.                                               |      |                |
|      | ·                                                                      |      |                |
| 778  | To supply, install or replace Approved                                 | EACH | 45.77          |
|      | 155mm x 155mm x 155mm UPVC heavy duty                                  |      |                |
|      | Tee and fittings including cutting off                                 |      |                |
|      | existing pipes and make good all work                                  |      |                |
|      | disturbed on completion.                                               |      |                |
|      | (75mm-80mm) x (75mm-80mm) x (75mm-80mm)                                |      |                |
|      | UPVC Tee and fittings for vent, waste                                  |      |                |
|      | and anti-syphonage pipes including                                     |      |                |
|      | cutting off old pipe and make good all                                 |      |                |
|      | work disturbed on completion.                                          |      |                |
| 780  | To supply, install or replace Approved                                 | EACH | 14.71          |
|      | cynhonago ninos including cutting off                                  |      |                |
|      | syphonage pipes including cutting off old pipe and make good all work  |      |                |
|      | disturbed on completion.                                               |      |                |
| I    | uisturbed on completion.                                               | l    | l l            |

| S/No | Description                                                                                                                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 781  | To supply, install or replace Approved                                                                                                                                     | EACH | 25.33          |
|      | 150mm x 150mm x 150mm UPVC Tee and fittings for vent, waste and anti syphonage pipes including cutting off old pipe and make good all work                                 |      |                |
|      | disturbed on completion.                                                                                                                                                   |      |                |
| 782  | To supply, install or replace Approved                                                                                                                                     | EACH | 5.70           |
|      | 80mm x 50mm x 80mm PVC Reducing Tee and fittings for vent,waste and anti syphonage pipes including cutting off old pipe and make good all work disturbed on completion.    |      |                |
| 783  | To supply, install or replace Approved                                                                                                                                     | EACH | 12.92          |
|      | 100mm x 50mm x 100mm UPVC Reducing Tee and fittings for vent, waste and antisyphonage pipes including cutting off old pipe and make good all work disturbed on completion. |      |                |
| 784  | To supply, install or replace Approved                                                                                                                                     | EACH | 6.76           |
|      | 80mm UPVC connector or socket and fittings for vent, waste and anti syphonage pipes including cutting off old pipe and make good all work disturbed on completion.         |      |                |
| 785  | To supply, install or replace Approved                                                                                                                                     | EACH | 8.33           |
|      | 100mm UPVC connector or socket and fittings for vent, waste and anti syphonage pipes including cutting off old pipe and make good all work disturbed on completion.        |      |                |
| 786  | To supply, install or replace Approved                                                                                                                                     | EACH | 18.79          |
|      | 150mm UPVC connector or socket and fittings for vent, waste and anti syphonage pipes including cutting off old pipe andmake good all work disturbed on completion.         |      |                |
| 787  | To supply, install or replace Approved                                                                                                                                     | EACH | 8.33           |
|      | 80mm UPVC bend and elbow and fittings                                                                                                                                      |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | for vent, waste and anti-syphonage pipes |      |                |
|      | including cutting off old pipe and       |      |                |
|      | make good all work disturbed on          |      |                |
|      | completion.                              |      |                |
| 788  | To supply, install or replace Approved   | EACH | 10.16          |
|      | 100mm UPVC bend and elbow and fittings   |      |                |
|      | for vent, waste and anti-syphonage pipes |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 789  | To supply, install or replace Approved   | EACH | 25.50          |
|      | 150mm UPVC bend and elbow and fittings   |      |                |
|      | for vent, waste and anti-syphonage pipes |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 790  | To supply, install or replace Approved   | EACH | 11.82          |
|      | 80mm UPVC elbow with cleaning eye        |      |                |
|      | complete with plug and fittings for      |      |                |
|      | vent, waste and anti-syphonage pipes     |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
|      | good all work distanced on completion.   |      |                |
| 791  | To supply, install or replace Approved   | EACH | 12.11          |
|      | 100mm UPVC elbow with cleaning eye       |      |                |
|      | complete with plug and fittings for      |      |                |
|      | vent, waste and anti-syphonage pipes     |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
|      | 150mm UPVC elbow with cleaning eye       |      |                |
|      | complete with plug and fittings for      |      |                |
|      | vent, waste and anti-siphonage pipes     |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 793  | To supply, install or replace Approved   | EACH | 7.99           |
|      | fittings for vent, waste and anti-       |      |                |
|      | siphonage pipes including cutting off    |      |                |
|      | existing pipe and make good all work     |      |                |
|      | disturbed on completion.                 |      |                |
| 794  | To supply, install or replace Approved   | EACH | 9.99           |
|      | 100mm x 80mm UPVC reducing socket with   |      |                |
|      | cleaning eye complete with plug and      |      |                |
|      | existing pipe and make good all work     |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit  | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|
|      | disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                |
| 795  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 21.85          |
|      | 150mm v 90mm LIDVC SS 212 raducing cocket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                |
|      | 150mm x 80mm UPVC SS 313 reducing socket with cleaning eye.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                |
|      | with cleaning eye.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                |
| 796  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 2.81           |
| ,,,, | To capp 177 motern of representati                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | 2.01           |
|      | 16mm x 16mm x 16mm UPVC Tee and fittings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | for vent, waste and anti-syphonage pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | including cutting off old pipe and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                |
| 797  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 2.98           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                |
|      | 20mm x 20mm x 20mm UPVC Tee and fittings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | for vent, waste and anti-syphonage pipes including cutting off old pipe and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
| 798  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 3.32           |
|      | and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s |       | 0.02           |
|      | 25mm x 25mm x 25mm UPVC Tee and fittings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | for vent, waste and anti-syphonage pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | including cutting off old pipe and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
|      | 32mm x 32mm x 32mm UPVC Tee and fittings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | for vent, waste and anti-syphonage pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | including cutting off old pipe and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
| 900  | To supply install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FACIL | 4.55           |
| 800  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 4.55           |
|      | including cutting off old pipe and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
|      | <b>6</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
| 801  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 6.38           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                |
|      | 50mm x 50mm x 50mm UPVC Tee and fittings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | for vent, waste and anti-syphonage pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | including cutting off old pipe and make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                |
|      | good all work disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |
| 000  | To supply install an earloss Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FACIL | 2.06           |
| 802  | To supply, install or replace Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EACH  | 3.06           |
|      | 25mm x 13mm x 25mm UPVC Reducing Tee and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      | fittings for vent, waste and anti-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                |
|      | syphonage pipes including cutting off                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                |
|      | old pipe and make good all work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                |
|      | disturbed on completion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                |

| S/No | Description                                              | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------|------|----------------|
| 803  | To supply, install or replace Approved                   | EACH | 4.17           |
|      |                                                          |      |                |
|      | 40mm x 20mm x 40mm UPVC Reducing Tee and                 |      |                |
|      | fittings for vent, waste and anti-                       |      |                |
|      | syphonage pipes including cutting off                    |      |                |
|      | old pipes and make good all work                         |      |                |
|      | disturbed on completion.                                 |      |                |
| 804  | To supply, install or replace Approved                   | EACH | 4.17           |
|      | 40mm x 25mm x 40mm UPVC Reducing Tee and                 |      |                |
|      | fittings for vent, waste and anti-                       |      |                |
|      | syphonage pipes including cutting off                    |      |                |
|      | old pipes and make good all work                         |      |                |
|      | disturbed on completion.                                 |      |                |
| 805  | To supply, install or replace Approved                   | EACH | 5.10           |
|      | 50mm x 40mm x 50mm UPVC Reducing Tee and                 |      |                |
|      | fittings for vent, waste and anti-                       |      |                |
|      | syphonage pipes including cutting off                    |      |                |
|      | old pipes and make good all work                         |      |                |
|      | disturbed on completion.                                 |      |                |
| 806  | To supply, install or replace Approved                   | EACH | 1.62           |
|      | 1 Crown LIDVC compositors or confect and                 |      |                |
|      | 16mm UPVC connector or socket and                        |      |                |
|      | fittings for vent, waste and anti                        |      |                |
|      | syphonage pipes including cutting off                    |      |                |
|      | old pipe and make good all work disturbed on completion. |      |                |
|      | distarbed on completion.                                 |      |                |
| 807  | To supply, install or replace Approved                   | EACH | 2.13           |
|      | 20mm UPVC connector or socket and                        |      |                |
|      | fittings for vent, waste and anti                        |      |                |
|      | syphonage pipes including cutting off                    |      |                |
|      | old pipe and make good all work                          |      |                |
|      | disturbed on completion.                                 |      |                |
| 808  | To supply, install or replace Approved                   | EACH | 2.21           |
|      | 25mm UPVC connector or socket and                        |      |                |
|      | fittings for vent, waste and anti                        |      |                |
|      | syphonage pipes including cutting off                    |      |                |
|      | old pipe and make good all work                          |      |                |
|      | disturbed on completion.                                 |      |                |
| 809  | To supply, install or replace Approved                   | EACH | 2.38           |
|      |                                                          |      |                |
|      | 32mm UPVC connector or socket and                        |      |                |
|      | fittings for vent, waste and anti                        |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | syphonage pipes including cutting off    |      |                |
|      | old pipe and make good all work          |      |                |
|      | disturbed on completion.                 |      |                |
| 810  | To supply, install or replace Approved   | EACH | 2.81           |
|      | 40mm UPVC connector or socket and        |      |                |
|      | fittings for vent, waste and anti        |      |                |
|      | syphonage pipes including cutting off    |      |                |
|      | old pipe and make good all work          |      |                |
|      | disturbed on completion.                 |      |                |
| 811  | To supply, install or replace Approved   | EACH | 2.98           |
|      | 50mm UPVC connector or socket and        |      |                |
|      | fittings for vent, waste and anti        |      |                |
|      | syphonage pipes including cutting off    |      |                |
|      | old pipe and make good all work          |      |                |
|      | disturbed on completion.                 |      |                |
| 812  | To supply, install or replace Approved   | EACH | 2.30           |
|      | 25mm UPVC bend and elbow and fittings    |      |                |
|      | for vent, waste and anti-syphonage pipes |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 813  | To supply, install or replace Approved   | EACH | 1.96           |
|      | 16mm UPVC bend and elbow and fittings    |      |                |
|      | for vent, waste and anti-siphonage pipes |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 814  | To supply, install or replace Approved   | EACH | 2.59           |
|      | 30mm UPVC bend and elbow and fittings    |      |                |
|      | for vent, waste and anti-syphonage pipes |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 815  | To supply, install or replace Approved   | EACH | 3.44           |
|      | 40mm UPVC bend and elbow and fittings    |      |                |
|      | for vent, waste and anti-syphonage pipes |      |                |
|      | including cutting off old pipe and make  |      |                |
|      | good all work disturbed on completion.   |      |                |
| 816  | To supply, install or replace Approved   | EACH | 4.25           |
|      | 50mm UPVC bend and elbow and fittings    |      |                |
|      | for vent, waste and anti-syphonage pipes |      |                |

| S/No | Description                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------|------|----------------|
|      | including cutting off old pipe and make |      |                |
|      | good all work disturbed on completion.  |      |                |
| 817  | To supply, install or replace Approved  | EACH | 6.04           |
|      | 50mm UPVC elbow with cleaning eye       |      |                |
|      | complete with plug and fittings for     |      |                |
|      | vent, waste and anti-syphonage pipes    |      |                |
|      | including cutting off old pipe and make |      |                |
|      | good all work disturbed on completion.  |      |                |
| 818  | To supply, install or replace Approved  | EACH | 1.91           |
|      | 20mm x 16mm UPVC reducing socket with   |      |                |
|      | cleaning eye complete with plug and     |      |                |
|      | fittings for vent, waste and anti-      |      |                |
|      | siphonage pipes including cutting off   |      |                |
|      | existing pipe and make good all work    |      |                |
|      | disturbed on completion.                |      |                |
| 819  | To supply, install or replace Approved  | EACH | 2.47           |
|      | 25mm x 20mm UPVC reducing socket with   |      |                |
|      | cleaning eye complete with plug and     |      |                |
|      | fittings for vent, waste and anti-      |      |                |
|      | siphonage pipes including cutting off   |      |                |
|      | existing pipe and make good all work    |      |                |
|      | disturbed on completion.                |      |                |
| 820  | To supply, install or replace Approved  | EACH | 2.72           |
|      | 32mm x 25mm UPVC reducing socket with   |      |                |
|      | cleaning eye complete with plug and     |      |                |
|      | fittings for vent, waste and anti-      |      |                |
|      | syphonage pipes including cutting off   |      |                |
|      | exsiting pipe and make good all work    |      |                |
|      | disturbed on completion.                |      |                |
| 821  | To supply, install or replace Approved  | EACH | 3.78           |
|      | 40mm x 32mm UPVC reducing socket with   |      |                |
|      | cleaning eye complete with plugand      |      |                |
|      | fittings for vent, waste and anti-      |      |                |
|      | syphonage pipes including cutting off   |      |                |
|      | exsiting pipe and make good all work    |      |                |
|      | disturbed on completion.                |      |                |
| 822  | To supply, install or replace Approved  | EACH | 4.82           |
|      | 50mm x 40mm UPVC reducing socket with   |      |                |
|      | cleaning eye complete with plug and     |      |                |
|      | fittings for vent, waste and anti-      |      |                |

| S/No | Description                                     | Unit | Unit Cost (\$) |
|------|-------------------------------------------------|------|----------------|
|      | syphonage pipes including cutting off           |      |                |
|      | exsiting pipe and make good all work            |      |                |
|      | disturbed on completion.                        |      |                |
| 823  | To supply, install or replace 100mm             | EACH | 90.78          |
|      | diameter UPVC trap with riser and UPVC          |      |                |
|      | grating including all connection,               |      |                |
|      | excavation, formwork, cutting through           |      |                |
|      | concrete floor (if in existing building)        |      |                |
|      | packing around trap with concrete (Grade        |      |                |
|      | 15A) and making good surrounds.                 |      |                |
| 824  | To supply, install or replace 100mm             | EACH | 69.70          |
|      | diameter UPVC trap with riser and UPVC          |      |                |
|      | grating including all connection,               |      |                |
|      | excavation, formwork, cutting through           |      |                |
|      | concrete floor (if set in suspended             |      |                |
|      | floor slab) packing around trap with            |      |                |
|      | concrete (Grade 15A) and making good surrounds. |      |                |
|      | Surrounus.                                      |      |                |
| 825  | To supply, install or replace 70mm              | EACH | 6.80           |
|      | approved round PVC floor grating.               |      |                |
| 826  | To supply, install or replace 32mm              | EACH | 10.20          |
|      | approved PVC "S"/"P" trap.                      |      |                |
| 827  | To supply, install or replace 40mm              | EACH | 12.07          |
|      | approved PVC "S"/"P" trap.                      |      |                |
| 828  | To supply, install or replace 50mm              | EACH | 13.77          |
|      | approved PVC "S"/"P" trap.                      |      |                |
| 829  | To supply, install or replace 100mm             | EACH | 7.74           |
|      | diameter or below pvc vent cowl.                |      |                |
| 830  | To supply, install or replace 150mm             | EACH | 11.05          |
|      | diameter or above pvc vent cowl.                |      |                |
|      |                                                 |      |                |
| 831  | To supply, install or replace 75mm              | EACH | 27.46          |
|      | diameter or below upvc Dome Grating.            |      |                |
|      |                                                 |      |                |

| S/No | Description                                                                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------|------|----------------|
| 832  | To supply, install or replace 100mm                                                                 | EACH | 30.35          |
|      | diameter upvc Dome Grating.                                                                         |      |                |
| 833  | To supply, install or replace 150mm                                                                 | EACH | 32.51          |
|      | diameter or above upvc Dome Grating.                                                                |      |                |
| 834  | To supply, install or replace 50mm                                                                  | EACH | 2.98           |
|      | diameter plastic grating.                                                                           |      |                |
| 835  | To supply, install or replace upvc Anti                                                             | EACH | 1.28           |
|      | Mosquito Trap for floor trap.                                                                       | o    | 44.50          |
| 836  | To supply, install or replace 13mm                                                                  | EACH | 11.52          |
|      | diameter chromium plated Capstan head stopcock or bibcock.                                          |      |                |
| 837  | To supply, install or replace cast                                                                  | EACH | 81.81          |
|      | iron stopcock pit 225mm x 225mm x 225mm including necessary excavation concrete base and brickwork. |      |                |
| 838  | To supply, install or replace galvanised                                                            | EACH | 37.57          |
|      | steel stop-cock box 125mm x 125mm x<br>125mm                                                        |      |                |
| 839  | To supply, install or replace                                                                       | EACH | 89.25          |
|      | approved cast iron valve chamber with cover and frame 225mm x 225mm x 400mm.                        |      |                |
|      | chamber 225mm x 225mm x 225mm for stopcock including slab cover.                                    |      |                |
| 841  | To supply, install or replace concrete                                                              | EACH | 34.00          |
|      | chamber 225mm x 225mm x 225mm for<br>stopcock including with cast iron cover<br>150mm x 150mm size. |      |                |
| 842  | To supply, install or replace 13mm                                                                  | EACH | 9.48           |
|      | diameter brass high pressure screwdown stopcocks or bibcocks, ball valve.                           |      |                |
| 843  | To supply, install or replace 20mm                                                                  | EACH | 14.20          |

| S/No | Description                                         | Unit  | Unit Cost (\$) |
|------|-----------------------------------------------------|-------|----------------|
|      | diameter brass high pressure screwdown              |       |                |
|      | stopcocks or bibcocks, ball valve.                  |       |                |
| 844  | To supply, install or replace 25mm                  | EACH  | 24.35          |
|      | diameter brass high pressure screwdown              |       |                |
|      | stopcocks or bibcocks, ball valve.                  |       |                |
| 845  | To supply, install or replace 30mm                  | EACH  | 65.83          |
|      | diameter brass high pressure screwdown              |       |                |
|      | stopcocks or bibcocks, ball valve.                  |       |                |
| 846  | To supply, install or replace 40mm                  | EACH  | 79.35          |
|      | diameter brass high pressure screwdown              |       |                |
|      | stopcocks or bibcocks, ball valve.                  |       |                |
| 847  | To supply, install or replace 50mm                  | EACH  | 116.03         |
| 047  | To supply, instant of replace somm                  | LACIT | 110.03         |
|      | diameter brass high pressure screwdown              |       |                |
|      | stopcocks or bibcocks, ball valve.                  |       |                |
| 848  | To supply, install or replace 62mm                  | EACH  | 170.00         |
|      | diameter brass high pressure screwdown              |       |                |
|      | stopcocks or bibcocks, ball valve.                  |       |                |
| 849  | To supply, install or replace 13mm                  | EACH  | 13.52          |
|      | diameter brass tap with hose nozzle.                |       |                |
| 850  | To supply, install or replace 20mm                  | EACH  | 16.07          |
|      | diameter brass tap with hose nozzle.                |       |                |
| 851  | To supply, install or replace 13mm                  | EACH  | 16.46          |
|      | diameter chromium plated stopcock or bibcock.       |       |                |
| 852  | To supply, install or replace 20mm                  | EACH  | 20.23          |
|      | diameter chromium plated clean stopcock or bibcock. |       |                |
| 853  | To supply, install or replace                       | EACH  | 18.79          |
|      | approved 13mm diameter brass gate valve.            |       |                |
| 854  | To supply, install or replace                       | EACH  | 28.90          |

| S/No | Description                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------|------|----------------|
|      | approved 20mm diameter brass gate valve.       |      |                |
| 855  | To supply, install or replace                  | EACH | 36.13          |
|      | approved 25mm diameter brass gate valve.       |      |                |
| 856  | To supply, install or replace                  | EACH | 43.35          |
|      | approved 30mm diameter brass gate valve.       |      |                |
| 857  | To supply, install or replace                  | EACH | 49.39          |
|      | approved 40mm diameter brass gate valve.       |      |                |
| 858  | To supply, install or replace                  | EACH | 72.25          |
|      | approved 50mm diameter brass gate valve.       |      |                |
| 859  | To supply, install or replace                  | EACH | 93.93          |
|      | approved 62mm diameter brass gate valve.       |      |                |
| 860  | To supply, install or replace                  | EACH | 104.04         |
|      | approved 72mm diameter brass gate valve.       |      |                |
| 861  | To supply, install or replace                  | EACH | 212.50         |
|      | approved 100mm diameter brass gate valve.      |      |                |
| 862  | To supply, install or replace                  | EACH | 9.18           |
|      | approved 13mm diameter brass non-return valve. |      |                |
| 863  | To supply, install or replace                  | EACH | 13.52          |
|      | approved 20mm diameter brass non-return valve. |      |                |
| 864  | To supply, install or replace                  | EACH | 16.58          |
|      | approved 25mm diameter brass non-return valve. |      |                |
| 865  | To supply, install or replace                  | EACH | 22.78          |
|      | approved 30mm diameter brass non-return valve. |      |                |
|      |                                                |      |                |

| S/No | Description                                                                     | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------|------|----------------|
| 866  | To supply, install or replace                                                   | EACH | 26.10          |
|      | approved 40mm diameter brass non-return valve.                                  |      |                |
| 867  | To supply, install or replace                                                   | EACH | 51.43          |
|      | approved 50mm diameter brass non-return valve.                                  |      |                |
| 868  | To supply, install or replace                                                   | EACH | 70.64          |
|      | approved 62mm diameter brass non-return valve.                                  |      |                |
| 869  | To supply, install or replace                                                   | EACH | 89.59          |
|      | approved 72mm diameter brass non-return valve.                                  |      |                |
| 870  | To supply, install or replace 13mm                                              | EACH | 18.79          |
|      | diameter Gate Valve - brass/copper alloy (working pressure at 14 bars (200psi)) |      |                |
| 871  | To supply, install or replace 20mm                                              | EACH | 28.90          |
|      | diameter Gate Valve - brass/copper alloy (working pressure at 14 bars (200psi)) |      |                |
| 872  | To supply, install or replace 25mm                                              | EACH | 36.13          |
|      | diameter Gate Valve - brass/copper alloy (working pressure at 14 bars (200psi)) |      |                |
| 873  | To supply, install or replace 30mm-32mm                                         | EACH | 43.35          |
|      | diameter Gate Valve - brass/copper alloy (working at 14 bars (200psi))          |      |                |
| 874  | To supply, install or replace 40mm                                              | EACH | 49.39          |
|      | diameter Gate Valve - brass/copper alloy (working pressure at 14 bars(200psi))  |      |                |
| 875  | To supply, install or replace 50mm                                              | EACH | 72.25          |
|      | diameter Gate Valve - brass/copper alloy (working pressure at 14 bars (200psi)) |      |                |
| 876  | To supply, install or replace 65mm                                              | EACH | 93.93          |

| S/No | Description                                                                     | Unit   | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------|--------|----------------|
|      | diameter Gate Valve - brass/copper alloy                                        |        |                |
|      | (working pressure at 14 bars (200psi))                                          |        |                |
| 877  | To supply, install or replace 75mm-80mm                                         | EACH   | 95.54          |
|      | diameter Cata Value harantaran and lare                                         |        |                |
|      | diameter Gate Valve - brass/copper alloy (working pressure at 14 bars (200psi)) |        |                |
|      | (1.0.1                                                                          |        |                |
| 878  | To supply, install or replace 15mm                                              | EACH   | 10.16          |
|      | diameter Gate Valve - cast iron.                                                |        |                |
|      |                                                                                 |        |                |
| 879  | Not In Use                                                                      | -      |                |
| 880  | Not In Use                                                                      | _      |                |
|      | Not in osc                                                                      |        |                |
| 881  | Not In Use                                                                      | -      |                |
| 882  | Not In Use                                                                      | _      |                |
| 002  | Not in osc                                                                      |        |                |
| 883  | Not In Use                                                                      | -      |                |
| 884  | Not In Use                                                                      | _      |                |
| 004  | Not in osc                                                                      |        |                |
| 885  | Not In Use                                                                      | -      |                |
| 886  | Not In Use                                                                      | _      |                |
|      |                                                                                 |        |                |
| 887  | Not In Use                                                                      | -      |                |
| 888  | Not In Use                                                                      | -      |                |
|      |                                                                                 |        |                |
| 889  | Not In Use                                                                      | -      |                |
| 890  | Not In Use                                                                      | -      |                |
|      |                                                                                 |        |                |
| 891  | To supply, install or replace 13mm-15mm                                         | EACH   | 18.28          |
|      | diameter Globe Valve (Working pressure                                          |        |                |
|      | at 14 bars (200psi)                                                             |        |                |
| 892  | To supply, install or replace 20mm                                              | EACH   | 19.85          |
| 052  | 10 Supp.,, mistan of replace Zomin                                              | 27,011 | 13.03          |
|      | diameter Globe Valve (working pressure                                          |        |                |
|      | at 14 bars (200psi)                                                             |        |                |
| 893  | To supply, install or replace 25mm                                              | EACH   | 24.06          |
|      |                                                                                 |        |                |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)                      |        |                |
|      | ατ 1-1 σαι 3 (200μ3ι)                                                           |        |                |
|      |                                                                                 |        |                |

| S/No | Description                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------|------|----------------|
| 894  | To supply, install or replace 32mm                            | EACH | 32.00          |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 895  | To supply, install or replace 40mm                            | EACH | 39.14          |
|      | diameter Globe Valve (working pressure<br>at 14 bars (200psi) |      |                |
| 896  | To supply, install or replace 50mm                            | EACH | 49.81          |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 897  | To supply, install or replace 65mm                            | EACH | 169.02         |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 898  | To supply, install or replace 75mm                            | EACH | 222.40         |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 899  | To supply, install or replace 100mm                           | EACH | 284.65         |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 900  | To supply, install or replace 150mm                           | EACH | 431.42         |
|      | diameter Globe Valve (working pressure at 14 bars (200 psi)   |      |                |
| 901  | To supply, install or replace 200mm                           | EACH | 533.72         |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 902  | To supply, install or replace 250mm                           | EACH | 606.18         |
|      | diameter Globe Valve (working pressure at 14 bars (200psi)    |      |                |
| 903  | Not In Use                                                    | -    |                |
| 904  | Not In Use                                                    | -    |                |
| 905  | Not In Use                                                    | -    |                |
| 906  | Not In Use                                                    | -    |                |

| S/No | Description                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------|------|----------------|
| 907  | Not In Use                                                         | -    |                |
| 908  | Not In Use                                                         | -    |                |
| 909  | Not In Use                                                         | -    |                |
| 910  | Not In Use                                                         | -    |                |
| 911  | Not In Use                                                         | -    |                |
| 912  | Not In Use                                                         | -    |                |
| 913  | Not In Use                                                         | -    |                |
| 914  | Not In Use                                                         | -    |                |
| 915  | Not In Use                                                         | -    |                |
| 916  | To supply, install or replace 13mm-15mm                            | EACH | 9.01           |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi) |      |                |
| 917  | To supply, install or replace 20mm                                 | EACH | 12.16          |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi) |      |                |
| 918  | To supply, install or replace 25mm                                 | EACH | 16.58          |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi) |      |                |
| 919  | To supply, install or replace 32mm                                 | EACH | 22.78          |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi) |      |                |
| 920  | To supply, install or replace 40mm                                 | EACH | 25.76          |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi) |      |                |
| 921  | To supply, install or replace 50mm                                 | EACH | 51.43          |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi) |      |                |
| 922  | To supply, install or replace 65mm                                 | EACH | 71.23          |
|      | diameter Check Valve - Brass (working                              |      |                |

| S/No | Description                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | pressure at 14 bars (200psi)                                                                                                                                                                                                                  |      |                |
| 923  | To supply, install or replace                                                                                                                                                                                                                 | EACH | 91.38          |
|      | 75mm-80mm diameter Check Valve - Brass<br>(working pressure at 14 bars (200psi)                                                                                                                                                               |      |                |
| 924  | To supply, install or replace 100mm                                                                                                                                                                                                           | EACH | 190.61         |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi)                                                                                                                                                                            |      |                |
| 925  | To supply, install or replace 150mm                                                                                                                                                                                                           | EACH | 263.93         |
|      | diameter Check Valve - Brass (working pressure at 14 bars (200psi)                                                                                                                                                                            |      |                |
| 926  | To supply, install or replace 13mm                                                                                                                                                                                                            | EACH | 19.98          |
|      | diameter approved high pressure brass<br>ball valve to BS 1212 complete with<br>copper arm and plastic ball float to BS 2456                                                                                                                  |      |                |
| 927  | To supply, install or replace 19mm                                                                                                                                                                                                            | EACH | 30.98          |
|      | diameter approved high pressure brass<br>ball valve to BS 1212 complete with<br>copper arm and plastic ball float to BS 2456                                                                                                                  |      |                |
| 928  | To supply, install or replace 25mm                                                                                                                                                                                                            | EACH | 46.88          |
|      | diameter approved high pressure brass ball valve to BS 1212 complete with copper arm and plastic ball float to BS 2456 diameter approved high pressure brass ball valve to BS 1212 complete with copper arm and plastic ball float to BS 1968 |      |                |
| 930  | To supply, install or replace 19mm                                                                                                                                                                                                            | EACH | 60.27          |
|      | withcopper arm and plastic ball float to BS 1968                                                                                                                                                                                              |      |                |
| 931  | To supply, install or replace 25mm                                                                                                                                                                                                            | EACH | 91.46          |
|      | diameter approved high pressure brass<br>ball valve to BS 1212 complete with<br>copper arm and plastic ball float to BS 1968                                                                                                                  |      |                |
| 932  | To supply, install or replace 32mm                                                                                                                                                                                                            | EACH | 165.41         |
|      | diameter approved high pressure brass                                                                                                                                                                                                         |      |                |

| S/No | Description                                  | Unit | Unit Cost (\$) |
|------|----------------------------------------------|------|----------------|
|      | ball valve to BS 1212 complete with          |      |                |
|      | copper arm and plastic ball float to BS 1968 |      |                |
| 933  | To supply, install or replace 38mm           | EACH | 189.38         |
|      | diameter approved high pressure brass        |      |                |
|      | ball valve to BS 1212 complete with          |      |                |
|      | copper arm and plastic ball float to BS 1968 |      |                |
| 934  | To supply, install or replace 50mm           | EACH | 237.41         |
|      | diameter approved high pressure brass        |      |                |
|      | ball valve to BS 1212 complete with          |      |                |
|      | copper arm and plastic ball float to BS 1968 |      |                |
| 935  | To supply, install or replace 75mm           | EACH | 969.00         |
|      | diameter approved high pressure brass        |      |                |
|      | ball valve complete with copper arm,         |      |                |
|      | copper ball float, stainless steel           |      |                |
|      | flange with 75mm diameter copper socket.     |      |                |
| 936  | To supply, install or replace 100mm          | EACH | 1,367.65       |
|      | diameter approved high pressure brass        |      |                |
|      | ball valve complete with brass arm and       |      |                |
|      | brass ball float in water tank including     |      |                |
|      | taking out existing set.                     |      |                |
| 937  | To supply, install or replace Ductile        | EACH | 120.23         |
|      | iron sluice valve - 60mm diameter.           |      |                |
| 938  | To supply, install or replace Ductile        | EACH | 160.65         |
|      | iron sluice valve - 80mm diameter.           |      |                |
| 939  | To supply, install or replace Ductile        | EACH | 195.08         |
|      | iron sluice valve - 100mm diameter.          |      |                |
| 940  | To supply, install or replace Ductile        | EACH | 236.57         |
|      | iron sluice valve - 125mm diameter.          |      |                |
| 941  | To supply, install or replace Ductile        | EACH | 290.70         |
|      | iron sluice valve - 150mm diameter.          |      |                |
| 942  | To supply, install or replace Ductile        | EACH | 497.25         |
|      | iron sluice valve - 200mm diameter.          |      |                |

| S/No | Description                                                      | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------|------|----------------|
| 943  | To supply, install or replace Ductile                            | EACH | 746.19         |
|      | iron sluice valve - 300mm diameter.                              |      |                |
| 944  | To supply, install or replace Ductile                            | EACH | 155.51         |
|      | iron non-return valve - 60mm diameter.                           |      |                |
| 945  | To supply, install or replace Ductile                            | EACH | 229.50         |
|      | iron non-return valve - 80mm diameter.                           |      |                |
| 946  | To supply, install or replace Ductile                            | EACH | 283.05         |
|      | iron non-return valve - 100mm diameter.                          |      |                |
| 947  | To supply, install or replace Ductile                            | EACH | 350.24         |
|      | iron non-return valve - 125mm diameter.                          |      |                |
| 948  | To supply, install or replace Ductile                            | EACH | 409.28         |
|      | irorn non-return valve - 150mm diameter.                         |      |                |
| 949  | To supply, install or replace Ductile                            | EACH | 545.59         |
|      | iron non-return valve - 200mm diameter.                          |      |                |
| 950  | To supply, install or replace Ductile                            | EACH | 818.78         |
|      | iron non-return valve - 300mm diameter.                          |      |                |
| 951  | To supply, install or replace 15mm                               | EACH | 5.14           |
|      | diameter full bore ball valve with taper thread end connections. |      |                |
| 952  | To supply, install or replace 20mm                               | EACH | 8.16           |
|      | diameter full bore ball valve with taper thread end connections. |      |                |
| 953  | To supply, install or replace 25mm                               | EACH | 11.22          |
|      | diameter full bore ball valve with taper thread end connections. |      |                |
| 954  | To supply, install or replace 32mm                               | EACH | 15.39          |
|      | diameter full bore ball valve with taper thread end connections. |      |                |

| S/No | Description                                                        | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------|------|----------------|
| 955  | To supply, install or replace 40mm                                 | EACH | 24.52          |
|      | diameter full bore ball valve with taper thread end connections.   |      |                |
| 956  | To supply, install or replace 50mm                                 | EACH | 32.73          |
|      | diameter full bore ball valve with taper thread end connections.   |      |                |
| 957  | To supply, install or replace 80mm                                 | EACH | 106.06         |
|      | diameter full bore ball valve with taper thread end connections.   |      |                |
| 958  | To supply, install or replace 100mm                                | EACH | 189.40         |
|      | diameter full bore ball valve with taper thread end connections.   |      |                |
| 959  | To supply, install or replace Syphon,                              | EACH | 170.00         |
|      | surface box, cover.                                                |      |                |
| 960  | To supply, install or replace 13mm                                 | EACH | 21.68          |
|      | diameter brass chromium plated tap c/w handle locking device type. |      |                |
| 961  | To supply, install or replace 13mm                                 | EACH | 4.25           |
|      | diameter Mini Ball Valve.                                          |      |                |
| 962  | To supply, install or replace galvanised                           | EACH | 26.35          |
|      | bib-tap/stop-cock box.                                             |      |                |
| 963  | To supply, install or replace stainless                            | EACH | 46.75          |
|      | steel bib-tap/stop-cock box.                                       |      |                |
| 964  | To supply, install or replace approved                             | EACH | 498.02         |
|      | brass Pressure Relief Valve 1600 - 1000<br>kpa ( 75 - 125 psi ).   |      |                |
| 965  | To supply, install or replace approved                             | EACH | 211.14         |
|      | brass Pressure Relief Valve 2400 - 600<br>kpa (30 - 75 psi ).      |      |                |

| S/No | Description                                                                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 966  | To supply, install or replace                                                                                                              | EACH | 595.94         |
|      | equal brass pressure relief valve 1600 - 1000 kpa (75 - 125 psi).                                                                          |      |                |
| 967  | To supply, install or replace                                                                                                              | EACH | 238.94         |
|      | equal brass pressure relief valve 240 -<br>600kpa (30 - 75 psi).<br>Material No: 8700033096                                                |      |                |
| 968  | To supply, install or replace 25mm                                                                                                         | EACH | 159.59         |
|      | diameter polyvinyl choride ball valve.                                                                                                     |      |                |
| 969  | To supply, install or replace 50mm                                                                                                         | EACH | 265.20         |
|      | diameter polyvyini choride ball valve.                                                                                                     |      |                |
| 970  | To supply, install or replace                                                                                                              | EACH | 654.50         |
|      | Reducing Valve or PUB approved equivalent (Size: 2", Body: Bronze, Inlet Pressure: Max. 20 Bar, Outlet Pressure: 1 to 5.5 Bars Adjustable) |      |                |
| 971  | Repair and service pressure reducing                                                                                                       | EACH | 25.50          |
|      | valve ( PRV ) all sizes including renewing washer.                                                                                         |      |                |
| 972  | Labour for servicing non-return valve                                                                                                      | EACH | 16.15          |
|      | 75mm to 100mm diameter.                                                                                                                    |      |                |
| 973  | Labour for repairing leaking sluice                                                                                                        | EACH | 63.75          |
|      | valve of any sizes and types valve including renewing gaskets and padings                                                                  |      |                |
| 974  | To supply, install or replace 32mm                                                                                                         | EACH | 15.94          |
|      | Gilbert pressure coupling.                                                                                                                 |      |                |
| 975  | To supply, install or replace 40mm                                                                                                         | EACH | 20.40          |
|      | Gilbert pressure coupling.                                                                                                                 |      |                |
| 976  | To supply, install or replace 50mm                                                                                                         | EACH | 106.00         |
|      | Gilbert pressure coupling. Material No: 8700039057                                                                                         |      |                |

| S/No | Description                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------|------|----------------|
|      | Old Material No: CD9057I                                                                  |      |                |
| 977  | To supply, install or replace                                                             | EACH | 143.35         |
|      | shower tray coupling.                                                                     |      |                |
| 978  | Labour adjusting stop-cocks to tilt                                                       | 010  | 9.95           |
|      | towards any direction specified including making good any damaged or affected piping work |      |                |
| 979  | To supply, install or replace 15mm                                                        | EACH | 23.13          |
|      | diameter Strainer (working pressure at<br>14 bars (200psi)                                |      |                |
| 980  | To supply, install or replace 20mm                                                        | EACH | 24.91          |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |
| 981  | To supply, install or replace 25mm                                                        | EACH | 26.69          |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |
| 982  | Supply & Install or replace 32mm                                                          | EACH | 34.00          |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |
| 983  | To supply, install or replace 40mm                                                        | EACH | 48.03          |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |
| 984  | To supply, install or replace 50mm                                                        | EACH | 71.19          |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |
| 985  | To supply, install or replace 65mm                                                        | EACH | 133.49         |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |
| 986  | To supply, install or replace 75mm                                                        | EACH | 167.74         |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                   |      |                |

| S/No | Description                                                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 987  | To supply, install or replace 100mm                                                                                                                                                                                                                             | EACH | 190.61         |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                                                                                                                                                                                         |      |                |
|      |                                                                                                                                                                                                                                                                 |      |                |
| 988  | To supply, install or replace 150mm                                                                                                                                                                                                                             | EACH | 236.09         |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                                                                                                                                                                                         |      |                |
| 989  | To supply, install or replace 200mm                                                                                                                                                                                                                             | EACH | 632.87         |
|      | diameter Strainer (working pressure at<br>14 bars (200psi)<br>Material No: 8700050153<br>Old Material No: CF0153I                                                                                                                                               |      |                |
| 990  | To supply, install or replace 250mm                                                                                                                                                                                                                             | EACH | 663.33         |
|      | diameter Strainer (working pressure at 14 bars (200psi)                                                                                                                                                                                                         |      |                |
| 991  | Supply & Install or replace 38mm                                                                                                                                                                                                                                | EACH | 27.20          |
|      | instantaneous coupling (Brass)                                                                                                                                                                                                                                  |      |                |
| 992  | Supply & Install or replace 50mm                                                                                                                                                                                                                                | EACH | 29.75          |
|      | instantaneous coupling (Brass)                                                                                                                                                                                                                                  |      |                |
| 993  | Supply & Install or replace 65mm                                                                                                                                                                                                                                | EACH | 32.30          |
|      | instantaneous coupling (Brass)                                                                                                                                                                                                                                  |      |                |
| 994  | Repair and service Strainer - all sizes                                                                                                                                                                                                                         | EACH | 8.50           |
|      | including renewing washer.                                                                                                                                                                                                                                      |      |                |
| 995  | To supply all necessary transport,                                                                                                                                                                                                                              | 0 NO | 42.50          |
|      | plant, equipment, materials and labour to fabricate and deliver to mainlaying site and install 25mm diameter mild steel lengthening key for sluice valve not exceeding 2 meter long complete with fastening brackets, including painting with bituminous paint. |      |                |
| 996  | To supply labour, transport, tools and                                                                                                                                                                                                                          | MR   | 6.16           |
|      | equipments for taking down services pipe exceeding 25mm diameter and disposed                                                                                                                                                                                   |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | off-site making good all works affected. |      |                |
| 997  | To supply labour, transport, tools and   | JOB  | 12.62          |
|      | equipments for breaking through wall or  |      |                |
|      | floor slabs exceeding 150mm thick to     |      |                |
|      | form chase for entry of water service    |      |                |
|      | pipes and make good all work disturbed   |      |                |
|      | on completion of pipe installation       |      |                |
| 998  | Break up displaced stooling of water     | EACH | 7.18           |
|      | mains and provide new 305mm x 305mm      |      |                |
|      | brick stooling not exceeding 380mm high  |      |                |
|      | including rendering sides and haunching  |      |                |
|      | top in cement mortat (1:3)               |      |                |
| 999  | Provide and form cement surround at      | JOB  | 2.55           |
|      | base of W.C. cistern flush-pipe and      |      |                |
|      | squat pan JT to cure leak                |      |                |
| 1000 | Hack and make good leak in concrete      | JOB  | 4.12           |
|      | surround of gully traps, cast iron soil  |      |                |
|      | pipes, etc in water proofed cement       |      |                |
|      | mortar.                                  |      |                |
| 1001 | Hack and make good leak in concrete      | JOB  | 6.84           |
|      | surround of squat pan in water proofed   |      |                |
|      | cement mortar.                           |      |                |
| 1002 | Hack and make good leak in concrete      | JOB  | 13.73          |
|      | surround of squat pan including making   |      |                |
|      | good tiled or terrazzo floor finish      |      |                |
|      | to match.                                |      |                |
| 1003 | To supply labour, transport, tools and   | М3   | 338.73         |
|      | equipments for breaking up reinforced    |      |                |
|      | concrete including cutting reinforcement |      |                |
|      | and make good floor after completion of  |      |                |
|      | repair work including removing ditto     |      |                |
| 1004 | To supply labour, transport, tools and   | JOB  | 20.57          |
|      | equipments for breaking up concrete      |      |                |
|      | Stooling and Foot-Rest of W.C.           |      |                |
|      | reconcrete including trowelling smooth   |      |                |
|      | to surface with waterproof cement mortar |      |                |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
|      | (1:3). (Replacement of W.C. measured                                        |      |                |
|      | separately)                                                                 |      |                |
|      |                                                                             |      |                |
| 1005 | To supply labour, transport, tools and                                      | EACH | 45.18          |
|      | anning and a few bosoling those was                                         |      |                |
|      | equipments for breaking through roof                                        |      |                |
|      | slab or wall with electric drill to form                                    |      |                |
|      | holes not exceeding 40mm diameter for entry of water service pipes and make |      |                |
|      | good all work disturbed on completion of                                    |      |                |
|      | pipe installation to the entire                                             |      |                |
|      | satisfaction of the roofing specialist.                                     |      |                |
|      | satisfaction of the rooming specialist.                                     |      |                |
| 1006 | To supply labour, transport, tools and                                      | EACH | 80.60          |
|      | equipments for breaking through roof                                        |      |                |
|      | slab or wall with electric drill to form                                    |      |                |
|      | holes exceeding 40mm and not exceeding                                      |      |                |
|      | 150mm for entry of water service pipes                                      |      |                |
|      | and make good all work disturbed on                                         |      |                |
|      | completion of pipes installation to the                                     |      |                |
|      | entire satisfaction of the roofing                                          |      |                |
|      | specialist.                                                                 |      |                |
|      |                                                                             |      |                |
| 1007 | To supply labour, tools and transport                                       | EACH | 83.43          |
|      | and coring of hole for 40mm diameter pipes and below.                       |      |                |
|      | pipes and below.                                                            |      |                |
| 1008 | To supply labour, tools and transport                                       | EACH | 125.42         |
|      |                                                                             |      |                |
|      | and coring of hole for 50-100 mm                                            |      |                |
|      | diameter pipes.                                                             |      |                |
| 1009 | To supply labour, tools and transport                                       | EVCH | 167.40         |
| 1009 | To supply labour, tools and transport                                       | EACH | 167.49         |
|      | and coring of hole for 100-150 mm                                           |      |                |
|      | diameter pipes.                                                             |      |                |
|      | and motor pipes.                                                            |      |                |
| 1010 | To supply labour, materials, tools and                                      | JOB  | 344.25         |
|      |                                                                             |      |                |
|      | tranpsort for Repairing Underground                                         |      |                |
|      | Burst Water Main including breaking up                                      |      |                |
|      | road or concrete surfaces, excavating                                       |      |                |
|      | not exceeding 1.5m deep, cutting off                                        |      |                |
|      | pipe and replacing with new to match                                        |      |                |
|      | existing pipe size between 100mm to                                         |      |                |
|      | 300mm diameter including heavy duty                                         |      |                |
|      | 'Stanton' bolted collar with rubber                                         |      |                |
|      | rings or any other necessary fittings,                                      |      |                |
|      | return, backfill and ram, flushing off                                      |      |                |
| I    | and make good (reinstatement of road                                        | l    |                |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
|      | surfaces, concrete hardstand, turfing,                                      |      |                |
|      | etc shall be paid separately).                                              |      |                |
| 1011 | To supply labour, materials, tools and                                      | JOB  | 212.50         |
|      | tranpsort for Repairing Underground                                         |      |                |
|      | Burst Water Main including breaking up                                      |      |                |
|      | road or concrete surfaces, excavating                                       |      |                |
|      | not exceeding 1m deep, cutting off                                          |      |                |
|      | pipe and replacing with new to match                                        |      |                |
|      | existing pipe size between 50mm to                                          |      |                |
|      | 100mm diameter including heavy duty                                         |      |                |
|      | 'Stanton' bolted collar with rubber                                         |      |                |
|      | rings or any other necessary fittings,                                      |      |                |
|      | return, backfill and ram, flushing off                                      |      |                |
|      | and make good (reinstatement of road surfaces, concrete hardstand, turfing, |      |                |
|      | etc shall be paid separately)                                               |      |                |
|      | etc shall be palu separately)                                               |      |                |
| 1012 | To supply labour, materials, tools and                                      | JOB  | 170.00         |
|      | transport for Repairing Underground                                         |      |                |
|      | Burst Water Main including breaking up                                      |      |                |
|      | road or concrete surfaces, excavating                                       |      |                |
|      | not exceeding 1m deep, cutting off pipe                                     |      |                |
|      | and replacing with new to match existing                                    |      |                |
|      | pipe size between 9mm to 50mm diameter                                      |      |                |
|      | including heavy duty 'Stanton' bolted                                       |      |                |
|      | collar with rubber rings or any other                                       |      |                |
|      | necessary fittings, return, backfill and                                    |      |                |
|      | ram, flushing off and make good                                             |      |                |
|      | (reinstatement of road surfaces,                                            |      |                |
|      | concrete hardstand, turfing, etc shall                                      |      |                |
|      | be paid separately)                                                         |      |                |
| 1013 | To supply, install or replace Cow-grass                                     | м2   | 3.06           |
|      | (Axonopus Compressors)obtained from                                         |      |                |
|      | contractor's own sources laid edge to                                       |      |                |
|      | edge (close turfing) on level or sloping                                    |      |                |
|      | surfaces including 25mm thick topsoil                                       |      |                |
|      | and sludge (1:1), top dressing, weeding                                     |      |                |
|      | out, watering and tending and replacing                                     |      |                |
|      | when necessary until the grass is                                           |      |                |
|      | established.                                                                |      |                |
| 1014 | To conduct trial hole for locating                                          | JOB  | 180.20         |
|      | existing water pipes Approx. 2m (length)                                    |      |                |
|      | x 0.6m (wide) x 1.2m (depth)                                                |      |                |
|      |                                                                             |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1015 | To supply, embed or replace "BAKAU"                                                                                                                                                                                                                                                                         | EACH | 6.50           |
|      | timber into ground.                                                                                                                                                                                                                                                                                         |      |                |
| 1016 | To provide cable detector with operator                                                                                                                                                                                                                                                                     | JOB  | 637.50         |
| 1017 | To supply, lay or replace approved                                                                                                                                                                                                                                                                          | MR   | 23.80          |
|      | quality Granite Dust or unwashed Sand into trenches/ditches and thoroughly compact.                                                                                                                                                                                                                         |      |                |
| 1018 | Rent & deploy overhead crane with                                                                                                                                                                                                                                                                           | JOB  | 2,125.00       |
|      | operator.                                                                                                                                                                                                                                                                                                   |      |                |
| 1019 | To supply, install and remove Steel                                                                                                                                                                                                                                                                         | JOB  | 170.00         |
|      | Staging of height from 3m high to not exceeding 5m high.                                                                                                                                                                                                                                                    |      |                |
| 1020 | To supply, install and remove                                                                                                                                                                                                                                                                               | JOB  | 255.00         |
|      | Steel Staging of height from 5m to not exceeding 7m high.                                                                                                                                                                                                                                                   |      |                |
| 1021 | To supply, install and remove                                                                                                                                                                                                                                                                               | JOB  | 382.50         |
|      | Staging of height from 7m high to not exceeding 10 high.                                                                                                                                                                                                                                                    |      |                |
| 1022 | To supply, install or replace " RIGEL "                                                                                                                                                                                                                                                                     | EACH | 212.50         |
|      | ST-102R Sensor Basin Water Efficient Tap (Mounting vanity top or vanity basin) made of solid brass material and chrome finished complete with aerator and built-in sensor eye, AC Operated including all the necessary accessories and fittings and c/w 6 months product warranty for all parts and labour. |      |                |
| 1023 | To supply, install or replace " RIGEL "                                                                                                                                                                                                                                                                     | EACH | 280.50         |
|      | ST-102RB Sensor Basin Water Efficient Tap (Mounting vanity top or vanity basin) made of solid brass material and chrome finished complete with aerator and built-in sensor eye, Battery Operated c/w 6V Lithium batteries including all the necessary accessories and fittings and                          |      |                |

| S/No | Description                                            | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------|------|----------------|
|      | c/w 6 months product warranty for all                  |      |                |
|      | parts and labour.                                      |      |                |
| 1024 | To supply, install or replace " RIGEL "                | EACH | 323.00         |
|      | ST-102S Sensor Basin Water Efficient Tap               |      |                |
|      | (Mounting vanity top or vanity basin) made of          |      |                |
|      | solid brass material and chrome finished               |      |                |
|      | complete with aerator and built-in                     |      |                |
|      | sensor eye, AC Operated including all                  |      |                |
|      | the necessary accessories and fittings                 |      |                |
|      | and c/w 6 months product warranty for                  |      |                |
|      | all parts and labour.                                  |      |                |
| 1025 | To supply, install or replace " RIGEL "                | EACH | 323.00         |
|      | Sensor Water Efficient Tap (Wall Mounted ) made        |      |                |
|      | of solid brass material and chrome finished            |      |                |
|      | complete with aerator and built-in                     |      |                |
|      | sensor eye, AC Operated including all                  |      |                |
|      | the necessary accessories and fittings                 |      |                |
|      | and c/w 6 months product warranty for                  |      |                |
|      | all parts and labour.                                  |      |                |
| 1026 | To supply, install, replace " RIGEL "                  | EACH | 306.00         |
|      | ST-102RM Sensor Basin Mixer Tap                        |      |                |
|      | (Mounting to vanity top or vanity basin                |      |                |
|      | )made of solid brass material and chrome               |      |                |
|      | finished complete with aerator and                     |      |                |
|      | built-in sensor eye, AC Operated                       |      |                |
|      | including all the necessary accessories                |      |                |
|      | and fittings and c/w 6 months product                  |      |                |
|      | warranty for all parts and labour.                     |      |                |
| 1027 | To supply, install or replace Spout with               | EACH | 76.50          |
|      | Aerator for Sensor Basin Water Efficient Tap.          |      |                |
| 1028 | To supply, install or replace electric                 | EACH | 76.50          |
|      | controller and transformer complete with               |      |                |
|      | moisture proof housing-box with built-in               |      |                |
|      | rubber gasket cam lock for "RIGEL"                     |      |                |
|      | hands-free operation sensor basin Water Efficient tap) |      |                |
| 1029 | To supply, install or replace Gasket                   | EACH | 8.50           |
|      | for Sensor Basin Water Efficient Tap.                  |      |                |
| 1030 | To supply, install or replace O-Ring for               | EACH | 4.25           |
|      |                                                        |      |                |

| S/No | Description                                                | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------|------|----------------|
|      | Sensor Basin Water Efficient Tap                           |      |                |
| 1031 | To supply, install or replace Supply                       | EACH | 17.00          |
|      | Tube for Sensor Basin Water Efficient Tap                  |      |                |
| 1032 | To supply, install or replace Mounting                     | EACH | 8.50           |
|      | Washer for Sensor Basin Water Efficient Tap.               |      |                |
| 1033 | To supply, install or replace Hex Nut                      | EACH | 4.25           |
|      | for Sensor Basin Water Efficient Tap.                      |      |                |
| 1034 | To supply, install or replace                              | EACH | 4.25           |
|      | Compression Connector for Sensor Basin Water Efficient Tap |      |                |
| 1035 | To supply, install or replace Copper                       | EACH | 4.25           |
|      | Tube for Sensor Basin Water Efficient Tap.                 |      |                |
| 1036 | To supply, install or replace                              | EACH | 8.50           |
|      | Compression Stud for Sensor Basin Water Efficient Tap      |      |                |
| 1037 | To supply, install or replace Solenoid                     | EACH | 59.50          |
|      | Valve for Sensor Basin Water Efficient Tap                 |      |                |
| 1038 | To supply , install or replace Nipple                      | EACH | 12.75          |
|      | for Sensor Basin Water Efficient Tap                       |      |                |
| 1039 | To supply, install or replace Filter                       | EACH | 17.00          |
|      | for Sensor Basin Water Efficient Tap                       |      |                |
| 1040 | To supply, install or replace Sensor                       | EACH | 42.50          |
|      | Cable and Earth Wire for Sensor Basin Water Efficient Tap  |      |                |
| 1041 | To supply, install or replace Control                      | EACH | 17.00          |
|      | Box for Sensor Basin Water Efficient Tap                   |      |                |
| 1042 | To supply, install or replace Controller                   | EACH | 68.00          |
|      | Unit for Sensor Basin Water Efficient Tap                  |      |                |
| 1043 | To supply, install or replace "RIGEL"                      | EACH | 265.20         |
| I    |                                                            |      |                |

| S/No | Description                                                                                  | Unit   | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------|--------|----------------|
|      | W3-R-AFS 202CR or approved equal brand Urinal                                                |        |                |
|      | sensor flush valve concealed box-type                                                        |        |                |
|      | c/w cam lock with palm-press push button, manual over-riding button in stainless steel satin |        |                |
|      | finished horizontal front panel.                                                             |        |                |
|      | missieu nonzontai nont panei.                                                                |        |                |
| 1044 | Not In Use                                                                                   | EACH   |                |
|      |                                                                                              |        |                |
| 1045 | Not In Use                                                                                   | EACH   |                |
| 1046 | To supply, install or replace "RIGEL"                                                        | EACH   | 340.00         |
| 1040 | To Supply, Histain of Teplace MidEE                                                          | Literi | 340.00         |
|      | 101-MP or approved equal brand WC manual                                                     |        |                |
|      | flush valve concealed box-type c/w lock                                                      |        |                |
|      | with palm-press push button in stainless                                                     |        |                |
|      | steel satin finished.                                                                        |        |                |
| 1047 | To supply, Install or Replace "RIGEL"                                                        | EACH   | 372.98         |
|      | 150 101 000                                                                                  |        |                |
|      | AFS-101CRDF or approved equal brand WC                                                       |        |                |
|      | sensor flush valve concealed box type                                                        |        |                |
|      | with Dual Flush Manual over-riding button, 4.5 litres c/w cam in stainless steel             |        |                |
|      | stain finished. (AC operated)                                                                |        |                |
|      | stain inisired. (AC operated)                                                                |        |                |
| 1048 | To supply, Install or Replace "RIGEL"                                                        | EACH   | 275.40         |
|      | AFS-201CL or approved equal brand urinal                                                     |        |                |
|      | sensor flush valve concealed box type                                                        |        |                |
|      | c/w cam lock in stainless steel stain                                                        |        |                |
|      | finished.                                                                                    |        |                |
| 1040 | To supply Justill on Douboo "DICCI"                                                          | FACIL  | 4.47.00        |
| 1049 | To supply, Install or Replace "RIGEL"                                                        | EACH   | 147.90         |
|      | 101ML or approved equal brand WC sensor                                                      |        |                |
|      | flush valve concealed box type c/w cam                                                       |        |                |
|      | lock in stainless steel stain finished.                                                      |        |                |
| 1050 | To supply, install or Replace approved                                                       | EACH   | 140.25         |
|      | a sept. Was a september of                                                                   |        | 110.23         |
|      | equal brand WC flush valve exposed type                                                      |        |                |
|      | c/w vacuum breaker in chrome finished.                                                       |        |                |
| 1051 | To supply, Install or Replace approved                                                       | EACH   | 96.05          |
|      |                                                                                              |        | 20.00          |
|      | equal brand urinal valve exposed type                                                        |        |                |
|      | c/w down pipe brass spud in chrome                                                           |        |                |
|      | finished.                                                                                    |        |                |
| 1052 | To supply, install or replace Flush                                                          | EACH   | 8.50           |
|      |                                                                                              |        | 0.50           |
|      | Valve Cap for urinal flush valve Exposed                                                     |        |                |

| S/No | Description                                                                        | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------|------|----------------|
|      | type product ID RM-VAL-U001                                                        |      |                |
| 1053 | To supply, install or replace Flush                                                | EACH | 21.25          |
|      | Valve Body for urinal flush valve<br>Exposed type product ID RM-VAL-U002           |      |                |
| 1054 | To supply, install or replace Cap for                                              | EACH | 4.25           |
|      | urinal flush valve Exposed type product ID RM-VAL-U003                             |      |                |
| 1055 | To supply, install or replace Outlet                                               | EACH | 4.25           |
|      | Piping Nut for urinal flush valve Exposed type product ID RM-VAL-U004              |      |                |
| 1056 | To supply, install or replace Flush                                                | EACH | 4.25           |
|      | Valve Cap Rubber Washer for urinal flush valve Exposed type product ID RM-VAL-U005 |      |                |
| 1057 | To supply, install or replace Adaptor                                              | EACH | 8.50           |
|      | Original for urinal flush valve Exposed type product ID RM-VAL-U010                |      |                |
| 1058 | To supply, install or replace Adaptor                                              | EACH | 4.25           |
|      | Rubber Washer for urinal flush valve<br>Exposed type product ID RM-VAL-U007        |      |                |
| 1059 | To supply, install or replace Outlet                                               | EACH | 4.25           |
|      | Piping Washer for urinal flush valve<br>Exposed type product ID RM-VAL-U008        |      |                |
| 1060 | To supply, install or replace Piston for                                           | EACH | 17.00          |
|      | urinal flush valve Exposed type product ID RM-VAL-U009                             |      |                |
| 1061 | To supply, install or replace Press                                                | EACH | 4.25           |
|      | Button for urinal flush valve Exposed type product ID RM-VAL-U010                  |      |                |
| 1062 | To supply, install or replace Stopcock                                             | EACH | 17.00          |
|      | Cap for WC flush valve Exposed type product ID RM-VAL-W003                         |      |                |

| S/No | Description                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------|------|----------------|
| 1063 | To supply, install or replace Stopcock                                        | EACH | 4.25           |
|      | Cap O-Ring for WC flush valve Exposed type product ID RM-VAL-W004             |      |                |
| 1064 | To supply, install or replace Stopcock                                        | EACH | 5.95           |
|      | Seal for WC flush valve Exposed type product ID RM-VAL-W005                   |      |                |
| 1065 | To supply, install or replace Check                                           | EACH | 21.25          |
|      | Valve for WC flush valve Exposed type product ID RM-VAL-W006                  |      |                |
| 1066 | To supply, install or replace Check                                           | EACH | 4.25           |
|      | Valve Rubber Washer for WC flush valve<br>Exposed type product ID RM-VAL-W007 |      |                |
| 1067 | To supply, install or replace Flush                                           | EACH | 17.00          |
|      | Valve Cap for WC flush valve Exposed<br>type product ID RM-VAL-W008           |      |                |
| 1068 | To supply, install or replace Flush                                           | EACH | 4.25           |
|      | Valve Rubber Washer for WC flush valve<br>Exposed type product ID RM-VAL-W013 |      |                |
| 1069 | To supply, install or replace Flush                                           | EACH | 38.25          |
|      | Valve Body for WC flush valve Exposed<br>type product ID RM-VAL-W009          |      |                |
| 1070 | To supply, install or replace O-Ring for                                      | EACH | 4.25           |
|      | WC flush valve Exposed type product ID<br>RM-VAL-W010                         |      |                |
| 1071 | To supply, install or replace Adaptor,                                        | EACH | 12.75          |
|      | Original for WC flush valve Exposed type product ID RM-VAL-W020               |      |                |
| 1072 | To supply, install or replace Handle for                                      | EACH | 8.50           |
|      | WC flush valve Exposed type product ID<br>RM-VAL-W019                         |      |                |
| 1073 | To supply, install or replace Handle Cap                                      | EACH | 8.50           |

| S/No | Description                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------|------|----------------|
|      | for WC flush valve Exposed type product                 |      |                |
|      | ID RM-VAL-W012                                          |      |                |
| 1074 | To supply, install or replace Vacuum                    | EACH | 34.00          |
|      | Breaker c/w Outlet Pipping Nut for WC                   |      |                |
|      | flush valve Exposed type product ID RM-                 |      |                |
|      | VAL-W014 and Rm-val-W015 respectively                   |      |                |
| 1075 | To supply, install or replace Vacuum                    | EACH | 4.25           |
|      | Breaker Rubber Washer for WC flush valve                |      |                |
|      | Exposed type product ID RM-VAL-W016                     |      |                |
| 1076 | To supply, install or replace Outlet                    | EACH | 4.25           |
|      | Pipping Rubber Washer for WC flush valve                |      |                |
|      | Exposed type product ID RM-VAL-W017                     |      |                |
| 1077 | To supply, install or replace Piston for                | EACH | 21.25          |
|      | WC flush valve Exposed type product ID<br>RM-VAL-W018   |      |                |
| 1078 | To supply, install or replace Flush                     | EACH | 8.50           |
|      | Valve Cap for urinal flush valve<br>Concealed Box type  |      |                |
| 1079 | To supply, install or replace Flush                     | EACH | 21.25          |
|      | Valve Body for urinal flush valve<br>Concealed Box type |      |                |
| 1080 | To supply, install or replace Stop Cock                 | EACH | 12.75          |
|      | Handle for urinal flush valve Concealed<br>Box type     |      |                |
| 1081 | To supply, install or replace Cap for                   | EACH | 4.25           |
|      | urinal flush valve Concealed Box type                   |      |                |
| 1082 | To supply, install or replace Outlet                    | EACH | 4.25           |
|      | Piping Nut for urinal flush valve Concealed Box type    |      |                |
| 1083 | To supply, install or replace Hex Nut                   | EACH | 4.25           |
|      | for urinal flush valve Concealed Box tyoe               |      |                |

| S/No | Description                                                                                                    | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------|------|----------------|
| 1084 | To supply, install or replace Flush                                                                            | EACH | 4.25           |
|      | Valve Cap Rubber Washer for urinal flush valve Concealed Box type                                              |      |                |
| 1085 | To supply, install or replace Adaptor                                                                          | EACH | 8.50           |
|      | for urinal flush valve Concealed Box type                                                                      |      |                |
| 1086 | To supply, install or replace Adaptor                                                                          | EACH | 4.25           |
|      | Rubber Washer for urinal flush valve<br>Concealed Box type                                                     |      |                |
| 1087 | To supply, install or replace Outlet                                                                           | EACH | 4.25           |
|      | Piping Washer for urinal flush valve<br>Concealed Box type                                                     |      |                |
| 1088 | To supply, install or replace Piston for                                                                       | EACH | 17.00          |
|      | urinal flush valve Concealed Box type                                                                          |      |                |
| 1089 | To supply, install or replace Front                                                                            | EACH | 25.50          |
|      | Plate c/w Pivot Rod for urinal flush valve Concealed Box type                                                  |      |                |
| 1090 | To supply, install or replace Sensor                                                                           | EACH | 25.50          |
|      | Plate c/w Pivot Rod for urinal flush valve Concealed Box type                                                  |      |                |
| 1091 | To supply, install or replace Cover                                                                            | EACH | 34.00          |
|      | Frame c/w Phillips Cap Screw for urinal flush valve Concealed Box type                                         |      |                |
| 1092 | To supply, install or replace Front                                                                            | EACH | 34.00          |
|      | Cover c/w Casing, Back Cover, Valve Rest<br>and BT Truss Hd Screw for urinal flush<br>valve Concealed Box type |      |                |
| 1093 | To supply, install or replace Cam Lock,                                                                        | EACH | 8.50           |
|      | C520S-1 for urinal flush valve Concealed<br>Box type                                                           |      |                |
| 1094 | To supply, install or replace Button c/w                                                                       | EACH | 29.75          |
|      | Button Rim, Pan Phillips Screw, Socket                                                                         |      |                |

| S/No | Description                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | Set Screw and Button Bracket for urinal                                                                                             |      |                |
|      | flush valve Concealed Box type                                                                                                      |      |                |
| 1095 | To supply, install or replace Switch                                                                                                | EACH | 21.25          |
|      | Hydraulic for urinal flush valve                                                                                                    |      |                |
|      | Concealed Box type                                                                                                                  |      |                |
| 1096 | To supply, install or replace Sensor Eye                                                                                            | EACH | 68.00          |
|      | c/w Stud and Nut for urinal flush valve<br>Concealed Box type                                                                       |      |                |
| 1097 | To supply, install or replace Solenoid                                                                                              | EACH | 55.25          |
|      | Valve c/w Solenoid Coil, Plug, Rubber                                                                                               |      |                |
|      | Washer, Screw and E-Ring for urinal                                                                                                 |      |                |
|      | flush valve Concealed Box type                                                                                                      |      |                |
| 1098 | To supply, install or replace Elbow, 90                                                                                             | EACH | 4.25           |
|      | Degree Street (Small) for urinal flush valve Concealed Box type                                                                     |      |                |
| 1099 | To supply, install or replace Elbow,                                                                                                | EACH | 4.25           |
|      | Male Stud Tubing Fitting for urinal flush valve Concealed Box type                                                                  |      |                |
| 1100 | To supply, install or replace Solenoid                                                                                              | EACH | 12.75          |
|      | Bracket c/w Pan Phillips SS Screw and<br>Pan Phillip Screw for urinal flush valve<br>Concealed Box type                             |      |                |
| 1101 | To supply, install or replace AC Adaptor                                                                                            | EACH | 59.50          |
|      | 401MO- UR c/w Cable Earth Wire, Terminal Connector, 10A 3 Ways and Pan Phillips SS Screw for urinal flush valve Concealed Box type. |      |                |
| 1102 | To supply, install or replace 4mm dia. x                                                                                            | EACH | 1.70           |
|      | 1m PU Tubing (Black) for urinal flush valve Concealed Box type                                                                      |      |                |
| 1103 | To supply, install or replace Elbow, M4                                                                                             | EACH | 4.25           |
|      | Male Stud Tubing Fitting for urinal flush valve Concealed Box type                                                                  |      |                |

| S/No | Description                                                     | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------|------|----------------|
| 1104 | To supply, install or replace 4mm dia. x                        | EACH | 1.70           |
|      | 1m PU Tubing (Yellow) for urinal flush valve Concealed Box type |      |                |
| 1105 | To supply, install or replace StopCock                          | EACH | 12.75          |
|      | Handle for WC flush valve Concealed Box type                    |      |                |
| 1106 | To supply, install or replace StopCock                          | EACH | 4.25           |
|      | O-Ring for WC flush valve Concealed Box type                    |      |                |
| 1107 | To supply, install or replace StopCock                          | EACH | 17.00          |
|      | Cap for WC flush valve Concealed Box type                       |      |                |
| 1108 | To supply, install or replace StopCock                          | EACH | 4.25           |
|      | Cap O-Ring for WC flush valve Concealed Box type                |      |                |
| 1109 | To supply, install or replace StopCock                          | EACH | 5.95           |
|      | Seal for WC flush valve Concealed Box type                      |      |                |
| 1110 | To supply, install or replace Check                             | EACH | 21.25          |
|      | Valve for WC flush valve Concealed Box type                     |      |                |
| 1111 | To supply, install or replace Check                             | EACH | 4.25           |
|      | Valve Rubber Washer for WC flush valve<br>Concealed Box type    |      |                |
| 1112 | To supply, install or replace Flush                             | EACH | 17.00          |
|      | Valve Cap Washer for WC flush valve<br>Concealed Box type       |      |                |
| 1113 | To supply, install or replace Flush                             | EACH | 38.25          |
|      | Valve Body Washer for WC flush valve<br>Concealed Box type      |      |                |
| 1114 | To supply, install or replace O-Ring for                        | EACH | 4.25           |
|      | WC flush valve Concealed Box type                               |      |                |
| 1115 | To supply, install or replace Adaptor                           | EACH | 12.75          |
|      | for WC flush valve Concealed Box type                           |      |                |

| S/No | Description                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------|------|----------------|
| 1116 | To supply, install or replace Handle Cap                                                       | EACH | 8.50           |
|      | for WC flush valve Concealed Box type                                                          |      |                |
| 1117 | To supply, install or replace Flush                                                            | EACH | 4.25           |
|      | Valve Cap Rubber Washer for WC flush valve Concealed Box type                                  |      |                |
| 1118 | To supply, install or replace Vacuum                                                           | EACH | 34.00          |
|      | Breaker c/w Outlet Piping Nut for WC flush valve Concealed Box type                            |      |                |
| 1119 | To supply, install or replace Vacuum                                                           | EACH | 4.25           |
|      | Breaker Rubber Washer for WC flush valve Concealed Box type                                    |      |                |
| 1120 | To supply, install or replace Outlet                                                           | EACH | 4.25           |
|      | Piping Rubber Washer for WC flush valve<br>Concealed Box type                                  |      |                |
| 1121 | To supply, install or replace Piston                                                           | EACH | 21.25          |
|      | for WC flush valve Concealed Box type                                                          |      |                |
| 1122 | To supply, install or replace Front                                                            | EACH | 34.00          |
|      | Plate c/w Pivot Rod for WC flush valve Concealed Box type                                      |      |                |
| 1123 | To supply, install or replace Sensor                                                           | EACH | 34.00          |
|      | Plate c/w Pivot Rod for WC flush valve<br>Concealed Box type                                   |      |                |
| 1124 | To supply, install or replace Cover                                                            | EACH | 42.50          |
|      | Frame c/w Pan Phillips Cap Screw for WC flush valve Concealed Box type                         |      |                |
| 1125 | To supply, install or replace Front                                                            | EACH | 42.50          |
|      | Cover c/w Casing, Back Cover and BT<br>Truss HD Screw for WC flush valve<br>Concealed Box type |      |                |
| 1126 | To supply, install or replace Valve Clip                                                       | EACH | 1.70           |
|      | c/w CSK Phillips Screw and Nut for WC                                                          |      |                |

| S/No | Description                                                             | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------|------|----------------|
|      | flush valve Concealed Box type                                          |      |                |
| 1127 | To supply, install or replace Cam Lock,                                 | EACH | 8.50           |
|      | C510S-1 for WC flush valve Concealed Box type                           |      |                |
| 1128 | To supply, install or replace Brass Cam                                 | EACH | 8.50           |
|      | Lock, C520S-1 for WC flush valve<br>Concealed Box type                  |      |                |
| 1129 | To supply, install or replace Valve Clip                                | EACH | 1.70           |
|      | c/w CSK Phillips Screw and Nut for WC<br>flush valve Concealed Box type |      |                |
| 1130 | To supply, install or replace Button c/w                                | EACH | 42.50          |
|      | Button Rim, Pan Phillips Screw, Socket                                  |      |                |
|      | Set Screw and Button Bracket for WC                                     |      |                |
|      | flush valve Concealed Box type                                          |      |                |
| 1131 | To supply, install or replace Button c/w                                | EACH | 29.75          |
|      | Button Casing, Button Hex Nut, Socket                                   |      |                |
|      | Set Screw and Button Bracket for WC flush valve Concealed Box type      |      |                |
|      | mush valve concealed box type                                           |      |                |
| 1132 | To supply, install or replace Button                                    | EACH | 12.75          |
|      | Bracket c/w Microswitch, SS5GL111, Pan                                  |      |                |
|      | Phillips SS Screw and Nut for WC flush valve Concealed Box type         |      |                |
|      | valve Concealed Box type                                                |      |                |
| 1133 | To supply, install or replace Switch                                    | EACH | 21.25          |
|      | Hydraulic for WC flush valve Concealed Box type                         |      |                |
| 1134 | To supply, install or replace Cable                                     | EACH | 4.25           |
|      | Switch for WC flush valve Concealed Box type                            |      |                |
| 1135 | To supply, install or replace Sensor Eye                                | EACH | 68.00          |
|      | c/w Stud and Nut for WC flush valve<br>Concealed Box type               |      |                |
| 1136 | To supply, install or replace 6mm dia. x                                | EACH | 1.70           |
|      | 1m PU Tubing (Black) for WC flush valve<br>Concealed Box type           |      |                |

| Ma<br>val·<br>1138 To<br>Ma | Description  supply, install or replace Elbow, M6  ale Stud Tubing Fitting for WC flush live Concealed Box type  supply, install or replace Elbow, M6  ale Stud Branch Tee for WC flush valve | EACH<br>EACH | 4.25<br>4.25 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| val·                        | lve Concealed Box type supply, install or replace Elbow, M6 ale Stud Branch Tee for WC flush valve                                                                                            | EACH         | 4 25         |
| Ma                          | ale Stud Branch Tee for WC flush valve                                                                                                                                                        | EACH         | 4 25         |
|                             |                                                                                                                                                                                               |              | 7.23         |
| Cor                         | ncealed Box type                                                                                                                                                                              |              |              |
| 1139 To                     | supply, install or replace 6mm dia. x                                                                                                                                                         | EACH         | 1.70         |
|                             | n PU Tubing (Yellow) for WC flush valve<br>Incealed Box type                                                                                                                                  |              |              |
| 1140 To                     | supply, install or replace Solenoid                                                                                                                                                           | EACH         | 55.25        |
| Wa                          | lve c/w Solenoid Coil, Plug, Rubber<br>asher, Screw and E-Ring for WC flush<br>lve Concealed Box type                                                                                         |              |              |
| 1141 To                     | supply, install or replace Elbow, 90                                                                                                                                                          | EACH         | 4.25         |
|                             | egree Street (Big) for WC flush valve<br>encealed Box type                                                                                                                                    |              |              |
| 1142 To                     | supply, install or replace AC                                                                                                                                                                 | EACH         | 59.50        |
| Ter                         | laptor, 401MO-WC c/w Cable Earth Wire,<br>rminal Connector, 10A 3 Ways and Pan<br>illips SS Screw for WC flush valve.                                                                         |              |              |
| 1143 Rep                    | pair and service Urinal, WC Sensor,                                                                                                                                                           | EACH         | 6.38         |
| sys                         | nsor taps or Manual Flush valve<br>stems including renewing washer and<br>bing.                                                                                                               |              |              |
| 1144 Rep                    | pair and service Urinal Manual Flush                                                                                                                                                          | EACH         | 2.13         |
| ren                         | lve system (Exposed type) including<br>newing washer (Replacement of Parts<br>all be paid separately)                                                                                         |              |              |
| 1145 To                     | supply, install or replace urinal                                                                                                                                                             | EACH         | 25.50        |
| vitr                        | reous china domical waste.                                                                                                                                                                    |              |              |
| 1146 No                     | ot In Use                                                                                                                                                                                     | EACH         |              |
| 1147 No                     | ot In Use                                                                                                                                                                                     | EACH         |              |

| S/No | Description                                      | Unit | Unit Cost (\$) |
|------|--------------------------------------------------|------|----------------|
| 1148 | To supply, install or replace                    | EACH | 705.50         |
|      |                                                  |      |                |
|      | white glazed vitreous china urinal               |      |                |
|      | (1200mm) complete with semi-circular             |      |                |
|      | urinals floor channels, chromium plated          |      |                |
|      | brass hinged domical grating, chromium           |      |                |
|      | plated sparge and flush pipes, etc               |      |                |
|      | (flushing cistern and step measured              |      |                |
|      | separately).                                     |      |                |
| 1149 | To supply, install or replace                    | EACH | 380.80         |
|      | wall hung urinal bowl size 605mm x 330mm         |      |                |
|      | x 310mm complete with integral trap,             |      |                |
|      | strainer tank complete with inlet,               |      |                |
|      | outlet, drain, airvent, manhole, cover,          |      |                |
|      | internal and external ladder, etc                |      |                |
|      | including all necessary connections and          |      |                |
|      | adjustment to piping.                            |      |                |
| 1150 | To supply, install or replace                    | EACH | 557.60         |
|      | wall hung urinal bowl size 460mm x 360mm         |      |                |
|      | x 820mm complete with integral trap,             |      |                |
|      | strainer tank complete with inlet,               |      |                |
|      | outlet, drain, airvent, manhole, cover,          |      |                |
|      | internal and external ladder, etc                |      |                |
|      | including all necessary connections and          |      |                |
|      | adjustment to piping.                            |      |                |
| 1151 | To supply, install or replace                    | EACH | 340.00         |
|      |                                                  |      |                |
|      | wall hung urinal in standard colour with         |      |                |
|      | necessary pipings and fittings for installation. |      |                |
| 1152 | To supply, install or replace                    | EACH | 552.50         |
|      | wall hung urinal in standard colour with         |      |                |
|      | necessary pipings and fittings for installation. |      |                |
| 1153 | To supply, install or replace                    | EACH | 304.30         |
|      | white glazed fireclay urinal back slab           |      |                |
|      | 600mm wide x 1065mm high (flushing               |      |                |
|      | cistern and step measured separately).           |      |                |
| 1154 | To supply, install or replace                    | EACH | 170.00         |
|      | white glazed fireclay urinal end slab            |      |                |
|      | 305mm wide x 1065mm high (flushing               |      |                |
|      | cistern and step measured separately).           |      |                |
|      |                                                  |      |                |

| S/No | Description                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------|------|----------------|
| 1155 | To supply, install or replace                                        | EACH | 88.40          |
|      |                                                                      |      |                |
|      | 150mm semi-circular white glazed                                     |      |                |
|      | fireclay urinal floor channels (per                                  |      |                |
|      | piece of 600mm).                                                     |      |                |
| 1156 | To supply, install or replace                                        | EACH | 118.15         |
|      | 150mm semi-circular white glazed                                     |      |                |
|      | fireclay urinal floor channel outlet                                 |      |                |
|      | piece including chromium plated grating                              |      |                |
|      | (per piece of 600mm)                                                 |      |                |
| 1157 | To supply, install or replace                                        | EACH | 102.85         |
|      | 150mm semi-circular white glazed                                     |      |                |
|      | fireclay urinal floor channel stop end                               |      |                |
|      | piece (per piece of 600mm)                                           |      |                |
|      |                                                                      |      |                |
| 1158 | Take out existing sparge pipe for                                    | MR   | 42.59          |
|      | urinal and replace with new 20 mm                                    |      |                |
|      | diameter chromium plated copper sparge                               |      |                |
|      | pipes with brackets to match and connection                          |      |                |
| 1159 | Take out existing sparge pipe for                                    | MR   | 29.75          |
|      | urinal and replace with new 20 mm                                    |      |                |
|      | diameter copper sparge pipes with                                    |      |                |
|      | brackets to match and connection.                                    |      |                |
| 1160 | Take out existing sparge pipe for                                    | MR   | 10.54          |
|      | united and analysis with 20 mars discussed                           |      |                |
|      | urinal and replace with 20 mm diameter                               |      |                |
|      | galvanised steel sparge pipes with brackets to match and connection. |      |                |
|      | brackets to materialia conficction.                                  |      |                |
| 1161 | Take out existing sparge pipe for                                    | MR   | 29.75          |
|      | urinal and replace with 20 mm diameter                               |      |                |
|      | stainless steel sparge pipes with                                    |      |                |
|      | brackets to match and connection                                     |      |                |
| 1162 | Take out existing urinal flush pipe and                              | EACH | 31.71          |
|      | replace with new 30 mm chromium plated                               |      |                |
|      | copper flush pipes including providing                               |      |                |
|      | necessary tee connections.                                           |      |                |
|      |                                                                      |      |                |
| 1163 | Take out existing urinal flush pipe and                              | EACH | 29.07          |
|      | replace with new stainless steel flush pipes.                        |      |                |

| S/No | Description                                                                                                                                                         | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1164 | To supply, install or replace approved                                                                                                                              | EACH | 40.63          |
|      | cast iron trap for urinal.                                                                                                                                          |      |                |
| 1165 | To supply, install or replace brass                                                                                                                                 | EACH | 19.13          |
|      | waste and domical grating for urinal.                                                                                                                               |      |                |
| 1166 | To supply, install or replace chromium                                                                                                                              | EACH | 15.30          |
|      | plated waste and domical grating for urinal.                                                                                                                        |      |                |
| 1167 | To supply, install or replace white                                                                                                                                 | EACH | 136.00         |
|      | vitreous china urinal bowl in replacement.                                                                                                                          |      |                |
| 1168 | To supply, install or replace                                                                                                                                       | EACH | 232.18         |
|      | 600mm x 450mm x 200mm white glazed fireclay plain edge kitchen sink complete with weir overflow, painted brackets 38mm diameter plug and chain, waste fitting.      |      |                |
| 1169 | To supply, install or replace                                                                                                                                       | EACH | 269.45         |
|      | 610mm x 455mm x 255mm white glazed fireclay plain edge kitchen sink complete with weir overflow, painted brackets 38mm diameter plug and chain, waste fitting.      |      |                |
| 1170 | To supply, install or replace                                                                                                                                       | EACH | 377.40         |
|      | 750mm x 450mm x 250mm white glazed fireclay plain edge kitchen sink complete with weir overflow, painted brackets 38mm diameter plug and chain, waste fitting.      |      |                |
| 1171 | To supply, install or replace                                                                                                                                       | EACH | 133.24         |
|      | 305mm x 305mm x 178mm white glazed fireclay plain edge laboratory sink complete with weir overflow, painted brackets, 38 mm diameter plug and chain, waste fitting. |      |                |
| 1172 | To supply, install or replace                                                                                                                                       | EACH | 161.29         |
|      | 355m x 355mm x 230mm white glazed                                                                                                                                   |      |                |

| S/No | Description                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------|------|----------------|
|      | fireclay plain edge laboratory sink                     |      |                |
|      | complete with weir overflow, painted                    |      |                |
|      | brackets, 38 mm diameter plug and chain, waste fitting. |      |                |
|      | waste litting.                                          |      |                |
| 1173 | To supply, install or replace                           | EACH | 195.93         |
|      | 560mm x 355m x 230mm white glazed                       |      |                |
|      | fireclay plain edge laboratory sink                     |      |                |
|      | complete with weir overflow, painted                    |      |                |
|      | brackets, 38mm diameter plug and chain,                 |      |                |
|      | waste fitting.                                          |      |                |
| 1174 | To supply, install or replace 18/8                      | EACH | 87.93          |
|      | stainless steel sink single bowl, single                |      |                |
|      | drainer sink overall size 750mm x 450mm                 |      |                |
|      | x 170mm deep c/w 40mm chromium plated                   |      |                |
|      | waste fittings with chain including a                   |      |                |
|      | set of painted bracket.                                 |      |                |
| 1175 | To supply, install or replace 18/8                      | EACH | 97.21          |
|      | stainless steel sink single bowl, single                |      |                |
|      | drainer sink overall size 900mm x 450mm                 |      |                |
|      | x 170mm deep c/w 40mm chromium plated                   |      |                |
|      | waste fittings with chain including a                   |      |                |
|      | set of painted bracket.                                 |      |                |
| 1176 | To supply, install or replace 18/8                      | EACH | 104.93         |
|      | stainless steel sink single bowl, single                |      |                |
|      | drainer sink overall size 1,050mm x                     |      |                |
|      | 450mm x 170mm deep c/w 40mm chromium                    |      |                |
|      | plated waste fittings with chain                        |      |                |
|      | including a set of painted bracket.                     |      |                |
| 1177 | To supply, install or replace 18/8                      | EACH | 107.99         |
|      | stainless steel sink single bowl, single                |      |                |
|      | drainer sink overall size 1,050mm x                     |      |                |
|      | 525mm x 170mm deep c/w 40mm chromium                    |      |                |
|      | plated waste fittings with chain                        |      |                |
|      | including a set of painted bracket.                     |      |                |
| 1178 | To supply, install or replace 18/8                      | EACH | 103.28         |
|      | stainless steel sink single bowl, single                |      |                |
|      | drainer sink overall size 1,000mm x                     |      |                |
|      | 500mm x 170mm deep c/w 40mm chromium                    |      |                |
|      | plated waste fittings with chain                        |      |                |
|      | including a set of painted bracket.                     |      |                |

| S/No | Description                                                                                                                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1179 | To supply, install or replace 18/8                                                                                                                                                     | EACH | 146.54         |
|      | stainless steel sink bowl,single drainer sink overall size 1,500mm x 500mm x 170mm deep c/w 40mm chromium plated waste fittings with chain including a set of painted bracket.         |      |                |
| 1180 | To supply, install or replace 18/8                                                                                                                                                     | EACH | 240.64         |
|      | stainless steel sink Double bowl, single drainer sink overall size 1,500mm x 500mm x 170mm deep c/w 40mm chromium plated waste fittings with chain including a set of painted bracket. |      |                |
| 1181 | To supply, install or replace 18/8                                                                                                                                                     | EACH | 256.06         |
|      | stainless steel sink Double bowl,single drainer sink overall size 1,800mm x 500mm x 170mm deep c/w 40mm chromium plated waste fittings with chain including a set of painted bracket.  |      |                |
| 1182 | To supply, install or replace                                                                                                                                                          | EACH | 82.88          |
|      | Single bowl, single drainer stainless steel sink 18/8 overall size 750mm x 450mm x 170mm deep c/w 40mm chromium plated waste fitting and plug (Insert Type)                            |      |                |
| 1183 | To supply, install or replace                                                                                                                                                          | EACH | 82.88          |
|      | Single bowl, single drainer stainless steel sink 18/8 overall size 900mm x 450mm x 170mm deep c/w 40mm chromium plated waste fitting and plug (Insert Type)                            |      |                |
| 1184 | To supply, install or replace                                                                                                                                                          | EACH | 210.38         |
|      | Single bowl, single drainer stainless steel sink 18/8 overall size 1500mm x 450mm x 170mm deep c/w 40mm chromium plated waste fitting and plug (Insert Type)                           |      |                |
| 1185 | To supply, install or replace                                                                                                                                                          | EACH | 210.38         |
|      | Single bowl, single drainer stainless steel sink 18/8 overall size 1500mm x                                                                                                            |      |                |

| S/No | Description                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------|------|----------------|
|      | 500mm x 170mm deep c/w 40mm chromium                                          |      |                |
|      | plated waste fitting and plug (Insert                                         |      |                |
|      | Type)                                                                         |      |                |
| 1186 | To supply, install or replace                                                 | EACH | 235.88         |
|      |                                                                               |      |                |
|      | Double bowl, single drainer stainless                                         |      |                |
|      | steel sink 18/8 overall size 1500mm x<br>500mm x 170mm deep c/w 40mm chromium |      |                |
|      | plated waste fitting and plug (Insert                                         |      |                |
|      | Type).                                                                        |      |                |
|      |                                                                               |      |                |
| 1187 | To supply, install or replace                                                 | EACH | 286.88         |
|      | Double bowl, single drainer stainless                                         |      |                |
|      | steel sink overall size 1800mm x 500mm x                                      |      |                |
|      | 170mm deep c/w 40mm chromium plated                                           |      |                |
|      | waste fitting and plug (Insert Type)                                          |      |                |
|      |                                                                               |      |                |
| 1188 | To supply, install or replace                                                 | EACH | 181.05         |
|      | Single bowl, single drainer stainless                                         |      |                |
|      | steel sink 22SWG overall size 1,070mm x                                       |      |                |
|      | 450mm x 150mm deep c/w 40mm chromium                                          |      |                |
|      | plated waste fitting and chain with plug                                      |      |                |
|      | including a set of painted bracket.                                           |      |                |
| 1189 | To supply, install or replace                                                 | EACH | 197.63         |
|      | Single bowl, single drainer stainless                                         |      |                |
|      | steel sink 22SWG overall size 1,070mm x                                       |      |                |
|      | 530mm x 150mm deep c/w 40mm chromium                                          |      |                |
|      | plated waste fitting and chain with plug                                      |      |                |
|      | including a set of painted bracket.                                           |      |                |
| 1190 | To supply, install or replace                                                 | EACH | 195.08         |
|      | Single bowl, single drainer stainless                                         |      |                |
|      | steel sink 22SWG overall size 1,200mm x                                       |      |                |
|      | 450mm x 150mm deep c/w 40mm chromium                                          |      |                |
|      | plated waste fitting and chain with plug                                      |      |                |
|      | including a set of painted bracket.                                           |      |                |
| 1191 | To supply, install or replace                                                 | EACH | 210.38         |
|      | Single bowl, single drainer stainless                                         |      |                |
|      | steel sink 22SWG overall size 1,200mm x                                       |      |                |
|      | 530mm x 150mm deep c/w 40mm chromium                                          |      |                |
|      | plated waste fitting and chain with plug                                      |      |                |
|      | including a set of painted bracket.                                           |      |                |
| I    | I                                                                             | 1    | ı              |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit   | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| 1192 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 226.95         |
|      | Circle have detailed as the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of the second state of th |        |                |
|      | Single bowl, single drainer stainless steel sink 22SWG overall size 1,300mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |                |
|      | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |                |
|      | 530mm x 150mm deep c/w 40mm chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                |
|      | plated waste fitting and chain with plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|      | including a set of painted bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                |
| 1193 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 206.55         |
|      | Single bowl, single drainer stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |
|      | steel sink 22SWG overall size 1,350mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                |
|      | 450mm x 150mm deep c/w 40mm chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                |
|      | plated waste fitting and chain with plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|      | including a set of painted bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                |
| 1194 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 220.58         |
| 1154 | To supply, ilistali of replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LACIT  | 220.36         |
|      | Single bowl, single drainer stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |
|      | steel sink 22SWG overall size 1,500mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                |
|      | 450mm x 150mm deep c/w 40mm chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                |
|      | plated waste fitting and chain with plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|      | including a set of painted bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                |
| 1195 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 240.64         |
|      | Single bowl, single drainer stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |
|      | steel sink 22SWG overall size 1,500mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                |
|      | 530mm x 150mm deep c/w 40mm chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                |
|      | plated waste fitting and chain with plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                |
|      | including a set of painted bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                |
| 1196 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 367.20         |
|      | Double bowl, double drainer stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |
|      | steel sink 22SWG overall size 1,500mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                |
|      | 450mm x 150mm deep c/w 40mm chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                |
|      | plated waste fitting and chain with plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|      | including a set of painted bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                |
| 1197 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 309.83         |
|      | Double bowl, double drainer stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |
|      | steel sink 22SWG overall size 1,524mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                |
|      | 530mm x 150mm deep c/w 40mm chromium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                |
|      | plated waste fitting and chain with plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|      | including a set of painted bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                |
| 1198 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EACH   | 308.55         |
| 1130 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2,1011 | 300.33         |
|      | Double bowl, double drainer stainless                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                |
|      | steel sink 22SWG overall size 1,800mm x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | 450mm x 150mm deep c/w 40mm chromium     |      |                |
|      | plated waste fitting and chain with plug |      |                |
|      | including a set of painted bracket.      |      |                |
| 1199 | To supply, install or replace            | EACH | 340.04         |
|      | Double bowl, double drainer stainless    |      |                |
|      | steel sink 22SWG overall size 1,829mm x  |      |                |
|      | 530mm x 150mm deep c/w 40mm chromium     |      |                |
|      | plated waste fitting and chain with plug |      |                |
|      | including a set of painted bracket.      |      |                |
| 1200 | To supply, install or replace glazed     | EACH | 93.50          |
|      | vitreous china wall hung basins 580mm x  |      |                |
|      | 406mm (white colour) - complete with     |      |                |
|      | chromium plated chain and plug.          |      |                |
| 1201 | To supply, install or replace glazed     | EACH | 117.81         |
|      | vitreous china wall hung basins 580mm x  |      |                |
|      | 406mm (standard colour type) - complete  |      |                |
|      | with chromium plated chain and plug.     |      |                |
| 1202 | To supply, install or replace glazed     | EACH | 126.74         |
|      | vitreous chiana wall hung basins 572mm x |      |                |
|      | 432mm (white colour type) - complete     |      |                |
|      | with chromium plated chain and plug.     |      |                |
| 1203 | To supply, install or replace glazed     | EACH | 151.68         |
|      | vitreous china wall hung basins 572mm x  |      |                |
|      | 432mm (standard colour type) - complete  |      |                |
|      | with chromium plated chain and plug.     |      |                |
| 1204 | To supply, install or replace glazed     | EACH | 91.16          |
|      | vitreous china wall hung basins 560mm x  |      |                |
|      | 405mm (white colour type) - complete     |      |                |
|      | with chromium plated chain and plug.     |      |                |
| 1205 | To supply, install or replace glazed     | EACH | 67.32          |
|      | vitreous china wall hung basins 455mm x  |      |                |
|      | 280mm (white colour type) - complete     |      |                |
|      | with chromium plated chain and plug.     |      |                |
| 1206 | To supply, install or replace glazed     | EACH | 75.61          |
|      | vitreous china wall hung basins 455mm x  |      |                |
|      | 280mm (standard colour type) - complete  |      |                |

| S/No | Description                                                                                                                                                                          | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | with chromium plated chain and plug.                                                                                                                                                 |      |                |
| 1207 | To supply, install or replace 18/8                                                                                                                                                   | EACH | 181.77         |
|      | stainless steel basin overall size 550mm x 450mm with weir overflow complete with painted steel brackets, 30mm diameter waste, chromium plated brass waste and chain.                |      |                |
| 1208 | To supply, install or replace                                                                                                                                                        | EACH | 111.05         |
|      | glazed vitreous china pedestal basin 510mm x 405mm (white colour) with weir overflow complete with wall support, 30mm diameter chromium plated brass waste and chain with plug.      |      |                |
| 1209 | To supply, install or replace                                                                                                                                                        | EACH | 129.63         |
|      | glazed vitreous china pedestal basin 510mm x 405mm (standard colour) with weir overflow complete with wall support, 30mm diameter chromium plated brass waste and chain with plug.   |      |                |
| 1210 | To supply, install or replace                                                                                                                                                        | EACH | 163.54         |
|      | glazed vitreous china pedestal basin 585mm x 430mm (white colour) with weir overflow complete with wall support, 30mm diameter chromium plated brass waste and chain with plug.      |      |                |
| 1211 | To supply, install or replace                                                                                                                                                        | EACH | 192.87         |
|      | glazed vitreous china pedestal basin 585mm x 430mm (standard colour) with weir over- flow complete with wall support, 30mm diameter chromium plated brass waste and chain with plug. |      |                |
| 1212 | To supply, install or replace                                                                                                                                                        | EACH | 153.00         |
|      | 540mm x 490mm Vanity basin (Colour to users' requirement).                                                                                                                           |      |                |
| 1213 | To supply, install or replace                                                                                                                                                        | EACH | 212.50         |
|      | 594mm x 480mm Vanity basin (Colour to users' requirement).                                                                                                                           |      |                |

| S/No | Description                            | Unit | Unit Cost (\$) |
|------|----------------------------------------|------|----------------|
| 1214 | To supply, install or replace cultured | MR   | 552.50         |
|      | marble vanity slab top or users'       |      |                |
|      | requirement of 560mm or 600mm width    |      |                |
|      | including removal of existing vanity   |      |                |
|      | slab top (vanity basin excluded).      |      |                |
|      | , som sop (1911), som singer           |      |                |
| 1215 | Extra over for build-in cultured       | EACH | 195.50         |
|      | marble vanity basin                    |      |                |
| 1216 | To supply, install or replace Approved | MR   | 140.25         |
|      | polythene bench trough 140mm x 140mm   |      |                |
|      | deep with necessary fittings as above  |      |                |
|      | described and fixing with angle        |      |                |
|      | brackets, screws, etc to wall and      |      |                |
|      | including connections.                 |      |                |
| 1217 | Opening of hole for laboratory         | EACH | 23.84          |
|      | sink size 600 x 450mm using special    |      |                |
|      | tools for chemical laboratory bench.   |      |                |
|      |                                        |      |                |
| 1218 | Opening of hole for laboratory         | EACH | 27.46          |
|      | sink size 610 x 455mm using special    |      |                |
|      | tools for chemical laboratory bench.   |      |                |
| 1219 | Opening of hole for laboratory         | EACH | 38.46          |
|      | sink size 750 x 450mm using special    |      |                |
|      | tools for chemical laboratory bench.   |      |                |
|      | ,                                      |      |                |
| 1220 | Opening of hole for laboratory         | EACH | 13.64          |
|      | sink size 305 x 305mm using special    |      |                |
|      | tools for chemical laboratory bench.   |      |                |
| 1221 | Opening of hole for laboratory         | EACH | 19.28          |
|      | sink size 355 x 355mm using special    |      |                |
|      | tools for chemical laboratory bench.   |      |                |
| 1222 | Opening of hole for laboratory         | EACH | 23.51          |
|      | sink size 560 x 355mm using special    |      |                |
|      | tools for chemical laboratory bench.   |      |                |
| 1223 | To supply, install or replace insert   | EACH | 93.50          |
|      | type PP cup sink size 250x100x70mmD.   |      |                |

| S/No | Description                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------|------|----------------|
| 1224 | Opening of hole for PP cup sink size                                                     | EACH | 11.22          |
|      | 250 x 100mm using special tools for chemical laboratory bench.                           |      |                |
| 1225 | To supply, install or replace                                                            | EACH | 255.43         |
|      | PP laboratory sink size 610 x 450 x 220mmD c/w bracket.                                  |      |                |
| 1226 | To supply, install or replace activated                                                  | EACH | 49.13          |
|      | carbon filter 125 PSI.                                                                   |      |                |
| 1227 | To supply, install or replace activated                                                  | EACH | 16.62          |
|      | carbon filter cartridge 125 PSI.                                                         |      |                |
| 1228 | To supply, install or replace hand                                                       | EACH | 8.08           |
|      | shower, PVC/plastic.                                                                     |      |                |
| 1229 | To supply, install or replace shower                                                     | MR   | 32.51          |
|      | curtain, plastic, height 3.2m including necessary fittings and railing.                  |      |                |
| 1230 | Supply, install or replace pvc/                                                          | EACH | 9.69           |
|      | stainless steel flexible tube 4 ft (1.3m) complete with 2 nos. washers and connectors.   |      |                |
| 1231 | To supply, install or replace 13mm                                                       | EACH | 168.56         |
|      | Two Way Laboratory fitting (oxidised) with swanneck, anti-splash nozzle and desk flange. |      |                |
| 1232 | To supply, install or replace Hot and                                                    | EACH | 144.07         |
|      | cold laboratory tap mixer diameter 13mm including necessary tap fittings.                |      |                |
| 1233 | To supply, install or replace 32mm                                                       | EACH | 2.55           |
|      | Brass Waste Fitting to sink or basin including brass cobweb grating chain and plug.      |      |                |
| 1234 | To supply, install or replace 32mm                                                       | EACH | 11.90          |
|      | approved chromium plated bottle trap.                                                    |      |                |

| S/No | Description                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1235 | To supply, install or replace 40mm                                                                                                                                                          | EACH | 13.18          |
|      | approved chromium plated bottle trap.                                                                                                                                                       |      |                |
| 1236 | To supply, install or replace 32mm                                                                                                                                                          | EACH | 6.12           |
|      | PVC bottle trap.                                                                                                                                                                            |      |                |
| 1237 | To supply, install or replace 40mm                                                                                                                                                          | EACH | 6.12           |
|      | PVC bottle trap.                                                                                                                                                                            |      |                |
| 1238 | To supply, install or replace Vulcanite                                                                                                                                                     | EACH | 2.98           |
|      | plug complete with brass chain for sink or lavatory basin.                                                                                                                                  |      |                |
| 1239 | To supply, install or replace 38mm                                                                                                                                                          | EACH | 3.06           |
|      | chromium plated Waste Fitting including all connections.                                                                                                                                    |      |                |
| 1240 | To supply, install or replace 32mm                                                                                                                                                          | EACH | 3.23           |
|      | approved Plastic Waste Fitting including all connections.                                                                                                                                   |      |                |
| 1241 | To, supply, install or replace 38mm                                                                                                                                                         | EACH | 3.57           |
|      | approved Plastic Waste Fitting including all connections.                                                                                                                                   |      |                |
| 1242 | Take out repair and refix existing basin                                                                                                                                                    | EACH | 21.68          |
|      | in existing position including any necessary cutting and pinning ends of brackets, making good work disturbed and making all connections and adjustment to piping.                          |      |                |
| 1243 | To supply, install or replace cast iron                                                                                                                                                     | PAIR | 8.50           |
|      | brackets for basins.                                                                                                                                                                        |      |                |
| 1244 | To supply, install or replace                                                                                                                                                               | EACH | 637.50         |
|      | 25mm x 25mm iron square mild steel stand irrespective of lengths, wide and height complete with formica table top of 50mm thickness with opening for stainless steel sink or fireclay sink. |      |                |

| S/No | Description                                                 | Unit  | Unit Cost (\$) |
|------|-------------------------------------------------------------|-------|----------------|
| 1245 | To supply, install or replace chemical                      | EACH  | 1,700.00       |
|      |                                                             |       |                |
|      | resistant stainless steel stand sink                        |       |                |
|      | with cabinet (Grade 316) of 1.4B                            |       |                |
|      | finished, single bowl and single drainer                    |       |                |
|      | complete with adjustable bullet feet,                       |       |                |
|      | rubber plug and stainless steel chain.                      |       |                |
|      | Standard Dimension (overall): approx                        |       |                |
|      | length 4ft x width 2ft x height 3ft.                        |       |                |
| 1246 | To supply, install or replace chemical                      | EACH  | 1,530.00       |
|      | resistant stainless steel stand sink                        |       |                |
|      | (Grade 316) of 1.4B finished with wooden                    |       |                |
|      | cabinet, single bowl &single drainer                        |       |                |
|      | complete with adjustable bullet feet,                       |       |                |
|      | rubber plug &stainless steel chain.                         |       |                |
|      | Standard Dimension (overall): approx                        |       |                |
|      | length 4ft x width 2ft x height 3ft                         |       |                |
| 1247 | To supply, install or replace chemical                      | EACH  | 1,275.00       |
|      | resistant stainless steel stand sink                        |       |                |
|      | without cabinet (Grade 316) of 1.4B                         |       |                |
|      | finished, single bowl & single drainer                      |       |                |
|      | complete with adjustable bullet feet,                       |       |                |
|      | rubber plug & stainless steel chain.                        |       |                |
|      | Standard Dimension (overall): approx                        |       |                |
|      | length 4ft x width 2ft x height 3ft                         |       |                |
| 1248 | To supply, install or replace wall hung                     | EACH  | 216.75         |
|      | WC - White color, c/w 'L" chair bracket,                    |       |                |
|      | pan collar and seat cover with S/S                          |       |                |
|      | hinged.                                                     |       |                |
| 1249 | To supply, install or replace wall WC -                     | EACH  | 216.75         |
|      | Standard color - c/w 'L' chair bracket,                     |       |                |
|      | pan collar and seat cover with S/S                          |       |                |
|      | hinged.                                                     |       |                |
| 1250 | Supply only 2.5 litro to 4.5 litro MC                       | FACIL | 222.00         |
| 1250 | Supply only 3.5 litre to 4.5 litre WC -                     | EACH  | 223.98         |
|      | white color, c/w pan collar and seat cover with S/S hinged. |       |                |
|      | cover with 5/5 hinged.                                      |       |                |
| 1251 | To supply, install or replace 3.5 litre                     | EACH  | 245.65         |
|      | to 4.5 litre WC - standard color, c/w                       |       |                |
|      | pan collar and seat cover with S/S hinged.                  |       |                |
|      |                                                             |       |                |
|      |                                                             |       |                |

| S/No | Description                                                                                                                        | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1252 | To supply, install or replace                                                                                                      | EACH | 104.76         |
|      | pressure reducing valve - 1/2"                                                                                                     |      |                |
| 1253 | To supply, install or replace                                                                                                      | EACH | 127.29         |
|      | pressure reducing valve - 3/4"                                                                                                     |      |                |
| 1254 | To supply, install or replace                                                                                                      | EACH | 180.63         |
|      | pressure reducing valve - 1"                                                                                                       |      |                |
| 1255 | To supply, install or replace                                                                                                      | EACH | 231.20         |
|      | pressure reducing valve - 1 1/4"                                                                                                   |      |                |
| 1256 | To supply, install or replace                                                                                                      | EACH | 332.35         |
|      | pressure reducing valve - 1 1/2"                                                                                                   |      |                |
| 1257 | To supply, install or replace water                                                                                                | EACH | 104.76         |
|      | hammer arrestor - 1/2" suitable for installation at any angle. (Fixture unit capcaity 1 to 11).                                    |      |                |
| 1258 | To supply, install or replace water                                                                                                | EACH | 111.99         |
|      | hammer arrestor - 3/4" suitable for installation at any angle. (Fixture unit capcaity 12 to 32).                                   |      |                |
| 1259 | To supply, install or replace water                                                                                                | EACH | 260.10         |
|      | hammer arrestor - 1" suitable for installation at any angle. (Fixture unit capcaity 33 to 60).                                     |      |                |
| 1260 | To supply, install or replace APEX or                                                                                              | LOT  | 104.76         |
|      | equivalent, bathroom accessories: square mirror, tissue holder, toothbrush holder, towel bar, soap holder, towel holder and shelf. |      |                |
| 1261 | To supply, install or replace vacuum                                                                                               | EACH | 32.51          |
|      | relief valve.                                                                                                                      |      |                |
| 1262 | To supply, install or replace water                                                                                                | EACH | 32.51          |
|      | pressure gauge.                                                                                                                    |      |                |

| S/No | Description                                                                                | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------|------|----------------|
| 1263 | To supply, install or replace water                                                        | EACH | 57.80          |
|      | pressure gauge with fluid.                                                                 |      |                |
| 1264 | To supply, install or replace                                                              | EACH | 8.50           |
|      | dispenser or tap chromium plated capping.                                                  |      |                |
| 1265 | To supply, install or replace 3.5 litre                                                    | EACH | 26.01          |
|      | to 4.5 litre float valve for WC cistern.                                                   |      |                |
| 1266 | To supply, install or replace 3.5 litre                                                    | EACH | 33.24          |
|      | to 4.5 litre syphon for WC cistern c/w push button.                                        |      |                |
| 1267 | To supply, install or replace                                                              | EACH | 18.06          |
|      | push button complete set.                                                                  |      |                |
| 1268 | Provide labour and tools for servicing                                                     | EACH | 8.50           |
|      | and cleaning of ball float and syphon valve in WC cistern including adjust ball valve.     |      |                |
| 1269 | To supply, install or replace white                                                        | EACH | 10.85          |
|      | glazed vitreous clay cover to W.C. cistern                                                 |      |                |
| 1270 | To supply, install or replace plastic                                                      | EACH | 7.92           |
|      | cover to W.C. cistern.                                                                     |      |                |
| 1271 | To supply, install or replace "RIGEL" SD101D                                               | EACH | 86.70          |
|      | deck mounted manual soap dispenser rotating spout                                          |      |                |
| 1272 | To supply, install or replace "RIGEL" SD582350                                             | EACH | 110.50         |
|      | wall mounted manual soap dispenser rotating spout Dimension: 30(W) x 132(H) x 157.7 (L) mm |      |                |
| 1273 | To supply, install or replace 38mm                                                         | EACH | 70.00          |
|      | chrome plated bath waste fitting, plug and chain complete with overflow tube               |      |                |

| S/No | Description                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------|------|----------------|
|      | and "P" or "S" trap including taking    |      |                |
|      | out existing, carting away, making      |      |                |
|      | connection, making good work disturbed  |      |                |
| 1274 | To supply, install or replace 38mm      | EACH | 51.60          |
|      | plastic bath waste fitting, plug and    |      |                |
|      | chain complete with overflow tube and   |      |                |
|      | "P" or "S" trap including taking out    |      |                |
|      | existing, carting away, making          |      |                |
|      | connection, making good work disturbed. |      |                |
| 1275 | To supply, install or replace           | EACH | 134.98         |
|      | white glazed vitreous china squatting   |      |                |
|      | water closet complete with "S" or "P"   |      |                |
|      | trap, brass cleaning eye and tread      |      |                |
|      | plates (flushing cistern and flush pipe |      |                |
|      | measured separately)                    |      |                |
| 1276 | To supply, install or replace white     | EACH | 16.02          |
|      | vitreous china foot tread plates for    |      |                |
|      | squatting water closet including lining |      |                |
|      | Joints between tread and floor finish   |      |                |
|      | with white cement.                      |      |                |
| 1277 | To supply, install or replace           | EACH | 430.10         |
|      | white glazed vitreous syphonic          |      |                |
|      | type water closet with double tap       |      |                |
|      | complete with 9 litres cistern and      |      |                |
|      | fittings.                               |      |                |
| 1278 | Not In Use                              | -    |                |
| 1279 | Not In Use                              | -    |                |
| 1280 | Not In Use                              | -    |                |
| 1281 | Not In Use                              | -    |                |
| 1282 | Not In Use                              | -    |                |
| 1283 | Not In Use                              | -    |                |
| 1284 | Not In Use                              | -    |                |
| 1285 | To supply, install or replace brass     | EACH | 3.40           |
|      | cleaning eye to water closet pan.       |      |                |
| [    |                                         |      |                |

| S/No | Description                                                                                                              | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1286 | To supply, install or replace UPVC                                                                                       | EACH | 3.66           |
|      | cleaning eye to water closet pan.                                                                                        |      |                |
| 1287 | Not In Use                                                                                                               | EACH |                |
| 1288 | To supply, install or replace                                                                                            | EACH | 55.34          |
|      | (black, white, or standard colour) heavy duty seat and cover c/w stainless steel hinged to adult's pedestal water closet |      |                |
|      | inclusive of brackets, bolts and nuts                                                                                    |      |                |
| 1289 | To supply, install or replace                                                                                            | EACH | 9.27           |
|      | black, white or standard colour plastic seat and cover to adult's pedestal water closet.                                 |      |                |
| 1290 | To supply, install or replace                                                                                            | EACH | 55.34          |
|      | black, white or standard colour plastic seat and cover to adult's pedestal water closet.                                 |      |                |
| 1291 | To supply, install or replace                                                                                            | EACH | 17.26          |
|      | white colour plastic seat and cover to adult's pedestal water closet.                                                    |      |                |
| 1292 | To supply, install or replace                                                                                            | EACH | 25.33          |
|      | standard colour plastic seat and cover to adult's pedestal water closet.                                                 |      |                |
| 1293 | Not In Use                                                                                                               | -    |                |
| 1294 | Not In Use                                                                                                               | -    |                |
| 1295 | Not In Use                                                                                                               | -    |                |
| 1296 | Not In Use                                                                                                               | -    |                |
| 1297 | Not In Use                                                                                                               | -    |                |
| 1298 | Not In Use                                                                                                               | -    |                |
| 1299 | Labour and materials for servicing                                                                                       | JOB  | 8.50           |
|      | flushing cistern (any type).                                                                                             |      |                |
| 1300 | Not In Use                                                                                                               | -    |                |

| S/No | Description                                                | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------|------|----------------|
| 1301 | Not In Use                                                 | -    |                |
| 1302 | Not In Use                                                 | -    |                |
| 1303 | Not In Use                                                 | -    |                |
| 1304 | Not In Use                                                 | -    |                |
| 1305 | To supply, install or replace water                        | EACH | 30.18          |
|      | spray-gun c/w PVC hose.                                    |      |                |
| 1306 | To supply, install or replace 13mm                         | EACH | 4.93           |
|      | diameter x 300mm stainless steel                           |      |                |
|      | flexible tube complete with 2 Nos. washers and connectors. |      |                |
| 1307 | To supply, install or replace 13mm                         | EACH | 3.40           |
|      | diameter x 300mm chromium plated copper                    |      |                |
|      | flexible tube complete with 2 nos. washers and connectors. |      |                |
| 1308 | To supply, install or replace                              | EACH | 38.25          |
|      | Plastic Jumbo Roll Dispenser.                              |      |                |
| 1309 | Not In Use                                                 | -    |                |
| 1310 | Not In Use                                                 | -    |                |
| 1311 | Not In Use                                                 | -    |                |
| 1312 | Not In Use                                                 | -    |                |
| 1313 | Not In Use                                                 | -    |                |
| 1314 | Not In Use                                                 | -    |                |
| 1315 | Not In Use                                                 | -    |                |
| 1316 | Not In Use                                                 | -    |                |
| 1317 | Not In Use                                                 | -    |                |
| 1318 | To supply, install or replace equivalent                   | EACH | 22.95          |
|      | Wall Mounted Soap Dispenser.                               |      |                |
| 1319 | To supply, install or replace                              | EACH | 52.70          |
| l    |                                                            |      |                |

| S/No | Description                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------|------|----------------|
|      | all purpose Basin/Vanity mounted Soap          |      |                |
|      | Dispenser of type 304 SS/chrome plated         |      |                |
|      | c/w unbreakable polyethylene container.        |      |                |
| 1320 | To supply, install or replace                  | EACH | 76.16          |
|      | stainless steel Paper Towel Dispenser          |      |                |
|      | Size: 280mm W x 369mm H x 102mm D (Approx).    |      |                |
| 1321 | To supply, install or replace                  | EACH | 19.81          |
|      | 150mm x 150mm white glazed recessed type       |      |                |
|      | soap tray embedded in cement mortar            |      |                |
|      | including hacking off existing and make        |      |                |
|      | good tile surround to match existing.          |      |                |
| 1322 | To supply, install or replace                  | EACH | 17.68          |
|      | 108mm x 108mm white glazed recessed type       |      |                |
|      | soap tray embedded in cement mortar            |      |                |
|      | including hacking off existing and make        |      |                |
|      | good tile surround to match existing.          |      |                |
| 1323 | To supply, install or replace Refillable       | EACH | 22.95          |
|      | Soap Dispenser (White Cover) capacity:         |      |                |
|      | 1000ml including taking out existing set       |      |                |
|      | and remove off site.                           |      |                |
| 1324 | To supply, install or replace Refillable       | EACH | 7.40           |
|      | Soap Dispenser Cartridge c/w tube              |      |                |
|      | including taking out existing.                 |      |                |
| 1325 | To supply, install or replace approved         | EACH | 34.13          |
|      | shower head with ball swivel arm and flange.   |      |                |
| 1326 | To supply, install or replace                  | EACH | 10.63          |
|      | approved 100mm diameter galvanised iron        |      |                |
|      | shower rose including connection.              |      |                |
| 1327 | To supply, install or replace                  | EACH | 3.15           |
|      | approved 100mm diameter swivel chromium        |      |                |
|      | plated brass shower rose including connection. |      |                |
| 1328 | To supply, install or replace                  | EACH | 35.19          |
|      | 50mm diameter chromium plated brass            |      |                |
|      | adjustable shower rose including connection.   |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1329 | To supply, install or replace                                                                                                                                                                                                                                                                                                       | EACH | 88.40          |
|      | approved chromium plated spray shower mixer with sliding rail, brackets and telephone shower attachment.                                                                                                                                                                                                                            |      |                |
| 1330 | To supply, install or replace approved                                                                                                                                                                                                                                                                                              | EACH | 30.60          |
|      | plastic spray shower with sliding rail, brackets and telephone shower attachment.                                                                                                                                                                                                                                                   |      |                |
| 1331 | To supply, install or replace approved                                                                                                                                                                                                                                                                                              | EACH | 91.80          |
|      | long bath combined tap and shower mixing valves with flexible metal tubing, telephone type shower, supporting arm and sliding rail fixed to wall or bracketed on wall.                                                                                                                                                              |      |                |
| 1332 | To supply, install or replace plastic                                                                                                                                                                                                                                                                                               | EACH | 15.30          |
|      | telephone type shower including brackets and flexible metal tubing not exceeding 1.2m.                                                                                                                                                                                                                                              |      |                |
| 1333 | To supply, install or replace Long Bath                                                                                                                                                                                                                                                                                             | EACH | 51.00          |
|      | Pop up waste and overflow pipe.                                                                                                                                                                                                                                                                                                     |      |                |
| 1334 | To supply, install or replace approved                                                                                                                                                                                                                                                                                              | EACH | 395.25         |
|      | 6 US gallon (23 litres) storage water heater complete with heavy duty brackets mounted by rawl bolts, check valve, pressure relief valve wiring to the nearest power point and commissioning. Installation shall strictly comply to PUB's requirement. (Pipes and fittings connecting to the plumbing system measured separately).  |      |                |
| 1335 | To supply, install or replace approved                                                                                                                                                                                                                                                                                              | EACH | 433.50         |
|      | 10 US gallon (37 litres) storage water heater complete with heavy duty brackets mounted by rawl bolts, check valve, pressure relief valve wiring to the nearest power point and commissioning. Installation shall strictly comply to PUB's requirement. (Pipes and fittings connecting to the plumbing system measured separately). |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1336 | To supply, install or replace approved                                                                                                                                                                                                                                                                                                         | EACH | 493.00         |
|      | 15 US gallon (56 litres) storage water heater complete with heavy duty bracket mounted by rawl bolts, check valve, pressure relief valve wiring to the nearest power point and commissioning. Installation shall strictly comply to PUB's requirement. (Pipes and fittings connecting to the plumbing system                                   |      |                |
| 1337 | measured separately).  To supply, install or replace approved                                                                                                                                                                                                                                                                                  | EACH | 586.50         |
|      | 20 US gallon (75 litres) storage water heater complete with heavy duty bracket mounted by rawl bolts, check valve, pressure relief valve wiring to the nearest power point and commissioning. Installation shall strictly comply to PUB's requirement. (Pipes and fittings connecting to the plumbing system measured separately).             |      |                |
| 1338 | To supply, install or replace approved                                                                                                                                                                                                                                                                                                         | EACH | 616.25         |
|      | 30 US gallon (113 litres) or above storage water heater complete with heavy duty bracket mounted by rawl bolts, check valve, pressure relief valve wiring to the nearest power point and commissioning. Installation shall strictly comply to PUB's requirement. (Pipes and fittings connecting to the plumbing system measured separately).   |      |                |
| 1339 | To supply, install or replace approved                                                                                                                                                                                                                                                                                                         | EACH | 274.55         |
|      | 4 gallons (15 litres) or below storage water heater and stop-cock with heavy duty brackets mounted by rawl bolts, check valve, pressure relief valve wiring to the nearest power point and commissioning. Installation shall strictly comply to PUB's requirement. (Pipes and fittings connecting to the plumbing system measured separately). |      |                |
| 1340 | To supply, install or replace up to 5 kw                                                                                                                                                                                                                                                                                                       | EACH | 204.00         |
|      | instant water heater of approved type                                                                                                                                                                                                                                                                                                          |      |                |

| S/No | Description                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------|------|----------------|
|      | complete with brackets, wiring to the     |      |                |
|      | nearest power source and commissioning.   |      |                |
|      | (Fittings and pipes measured seperately). |      |                |
| 1341 | To supply, install or replace and         | EACH | 484.50         |
|      | Boiling Water Dispenser of 10 Litre       |      |                |
|      | capacity Wall mounted/wall hung with      |      |                |
|      | direct piping water source type of        |      |                |
|      | stainless steel body c/w temperature      |      |                |
|      | indicator with heating capacity range     |      |                |
|      | from 85 degrees to 100 degrees            |      |                |
|      | Centigrade boiling temperature. Power     |      |                |
|      | Input range from 2200w - 2500w and        |      |                |
|      | Ampere range from 10 - 11.5 Operated on   |      |                |
|      | 220V 240V Single Phase electricity        |      |                |
|      | supply complete with 3 Pin Plug wiring.   |      |                |
| 1342 | To supply, install or replace             | EACH | 578.00         |
|      | Boiling Water Dispenser of 20 Litre       |      |                |
|      | capacity Wall mounted/wall hung or        |      |                |
|      | table-top with direct piping water        |      |                |
|      | source type heating capacity range from   |      |                |
|      | 85 degrees to 100 degrees Centigrade      |      |                |
|      | boiling temperature. Power input range    |      |                |
|      | from 2200w -2500w and Ampere range from   |      |                |
|      | 10 - 11.5 Operated on 220V 240V Single    |      |                |
|      | Phase electricity supply complete with 3  |      |                |
|      | Pin Plug wiring.                          |      |                |
| 1343 | To supply, install or replace             | EACH | 382.50         |
|      | Boiling Water Dispenser of 5 Litre        |      |                |
|      | capacity Wall mounted/wall hung or        |      |                |
|      | table-top with direct piping water        |      |                |
|      | source type of stainless steel body c/w   |      |                |
|      | temperature indicator with heating        |      |                |
|      | capacity range from 85° to 100° C         |      |                |
|      | boiling temperature. Power Input range    |      |                |
|      | from 2200w - 2500w and Ampere range from  |      |                |
|      | 10 - 11.5 Operated on 220V - 240V         |      |                |
|      | Single Phase electricity supply complete  |      |                |
|      | with 3 Pin Plug wiring.                   |      |                |
| 1344 | To supply, install or replace             | EACH | 433.50         |
|      | Boiling Water Dispenser of 7 Litre        |      |                |
|      | capacity Wall mounted/wall hung with      |      |                |
|      | direct piping water source type of        |      |                |
|      | stainless steel body c/w temperature      |      |                |
|      | indicator with heating capacity range     |      |                |
| •    | · · ·                                     | •    | . '            |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                              | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | from 85° to 100° C boiling temperature.  Power Input range from 2200w - 2500w and  Ampere range from 10 - 11.5 Operated on  220V - 240V Single Phase electricity  supply complete with 3 Pin Plug wiring.                                                                                                                                                                                                |      |                |
| 1345 | To supply, install or replace                                                                                                                                                                                                                                                                                                                                                                            | EACH | 518.50         |
|      | Boiling Water Dispenser of 15 Litre capacity Wall mounted/wall hung or table-top with direct piping watersource type of stainless steel body c/w temperature indicator with heating capacity range from 85° to 100° C boiling temperature. Power Input range from 2200w - 2500w and Ampere range from 10 - 11.5 Operated on 220V - 240V Single Phase electricity supply complete with 3 Pin Plug wiring. |      |                |
| 1346 | To supply, fix or replace Indicator                                                                                                                                                                                                                                                                                                                                                                      | EACH | 2.55           |
|      | Light for boiling water dispenser of any capacity                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1347 | To supply and fix or replace Indicator                                                                                                                                                                                                                                                                                                                                                                   | EACH | 0.85           |
|      | Lens for boiling water dispenser of any capacity.                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1348 | To supply, fix or replace Solenoid Valve                                                                                                                                                                                                                                                                                                                                                                 | EACH | 66.30          |
|      | for hot water dispenser of any capacity.                                                                                                                                                                                                                                                                                                                                                                 |      |                |
| 1349 | To supply, fix or replace Fan for                                                                                                                                                                                                                                                                                                                                                                        | EACH | 17.85          |
|      | boiling water dispenser of any capacity                                                                                                                                                                                                                                                                                                                                                                  |      |                |
| 1350 | To supply, fix or replace Transformer                                                                                                                                                                                                                                                                                                                                                                    | EACH | 22.10          |
|      | for boiling water dispenser of any capacity                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1351 | To supply, fix or replace I/C Board                                                                                                                                                                                                                                                                                                                                                                      | EACH | 59.50          |
|      | for boiling water dispenser of any capacity                                                                                                                                                                                                                                                                                                                                                              |      |                |
| 1352 | To supply, install or replace 15mm                                                                                                                                                                                                                                                                                                                                                                       | MR   | 3.03           |
|      | diameter hot water pipe insulation.                                                                                                                                                                                                                                                                                                                                                                      |      |                |

| S/No | Description                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------|------|----------------|
| 1353 | To supply, install or replace 22mm                                            | MR   | 4.72           |
|      | diameter for hot water pipe insulation.                                       |      |                |
| 1354 | To supply, install or replace 28mm                                            | MR   | 5.74           |
|      | diameter for hot water pipe insulation.                                       |      |                |
| 1355 | To supply, install or replace 35mm                                            | MR   | 7.27           |
|      | diameter hot water pipe insulation.                                           |      |                |
| 1356 | To supply, install or replace 42mm                                            | MR   | 9.05           |
|      | diameter hot water pipe insulation.                                           |      |                |
| 1357 | To supply, install or replace 54mm                                            | MR   | 13.69          |
|      | diameter for hot water pipe insulation.                                       |      |                |
| 1358 | To supply, install or replace 76mm                                            | MR   | 20.40          |
|      | diameter for hot water pipe insulation.                                       |      |                |
| 1359 | To supply, install or replace 108mm                                           | MR   | 27.24          |
|      | diameter for hot water pipe insulation.                                       |      |                |
| 1360 | To supply, install or replace Heating                                         | EACH | 64.60          |
|      | Element with built-in thermostat for boiling water dispenser of any capacity. |      |                |
| 1361 | To supply, install or replace Lever                                           | EACH | 55.25          |
|      | Switch for boiling water dispenser of any type.                               |      |                |
| 1362 | To supply, fix or replace Thermostat                                          | EACH | 34.85          |
|      | for boiling water dispenser of any capacity.                                  |      |                |
| 1363 | To supply, fix or replace Red Tap/                                            | EACH | 76.50          |
|      | Faucet Complete Set) for boiling water dispenser.                             |      |                |
| 1364 | To supply, install or replace hot water                                       | EACH | 40.80          |
|      | dispenser upper assembly for tap of any capacity.                             |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1365 | To supply, install or replace hot water                                                                                                                                                                                                                                                          | EACH | 4.25           |
|      | dispenser spring for tap of any capacity.                                                                                                                                                                                                                                                        |      |                |
| 1366 | To supply, install or replace hot water                                                                                                                                                                                                                                                          | EACH | 8.50           |
|      | dispenser stem for tap of any capacity.                                                                                                                                                                                                                                                          |      |                |
| 1367 | To supply, fix or replace Seat Cap                                                                                                                                                                                                                                                               | EACH | 10.20          |
|      | for Red Tap/Faucet for boiling water dispenser of any capacity.                                                                                                                                                                                                                                  |      |                |
| 1368 | To supply, fix or replace Handle for Red                                                                                                                                                                                                                                                         | EACH | 10.20          |
|      | Tap/Faucet for boiling water dispenser of any capacity.                                                                                                                                                                                                                                          |      |                |
| 1369 | To supply, fix or replace Bonnet for Red                                                                                                                                                                                                                                                         | EACH | 11.90          |
|      | Tap/Faucet for boiling water dispenser of any capacity.                                                                                                                                                                                                                                          |      |                |
| 1370 | To supply, fix or replace Pin for                                                                                                                                                                                                                                                                | EACH | 3.40           |
|      | Red Tap/Faucet for boiling water dispenser of any capacity.                                                                                                                                                                                                                                      |      |                |
| 1371 | Engage Professional Engineer                                                                                                                                                                                                                                                                     | JOB  | 340.00         |
|      | for plan endorsement, submission and calculation.                                                                                                                                                                                                                                                |      |                |
| 1372 | To supply, Install or replace 50mm                                                                                                                                                                                                                                                               | SET  | 1,446.70       |
|      | or below Combination Water Meter - flanged type of approved ISO Standard with max pressure at 16 bar for use of portable water including all necessary fittings and accessories such as filter protecting both meter mechanism, change- over valves, rubbler gaskets, concrete supports and etc. |      |                |
| 1373 | To supply, Install or replace 65mm                                                                                                                                                                                                                                                               | SET  | 1,466.25       |
|      | Combination Water Meter - flanged type of approved ISO Standard with max pressure at 16 bar for use of portable water including all necessary fittings and accessories such as filter protecting both meter mechanism, change-                                                                   |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | over valves, rubbler gaskets, concrete   |      |                |
|      | supports and etc.                        |      |                |
| 1374 | To supply, Install or replace 80mm       | SET  | 1,807.95       |
|      | Combination Water Meter - flanged type   |      |                |
|      | of approved ISO Standard with max        |      |                |
|      | pressure at 16 bar for use of portable   |      |                |
|      | water including all labour, materials,   |      |                |
|      | transportation and necessary fittings    |      |                |
|      | and accessories such as filter           |      |                |
|      | protecting both meter mechanism, change- |      |                |
|      | over valves, rubbler gaskets, concrete   |      |                |
|      | supports and etc.                        |      |                |
| 1375 | To supply, Install or replace 100mm      | SET  | 2,306.90       |
|      | Combination Water Meter - flanged type   |      |                |
|      | of approved ISO Standard with max        |      |                |
|      | pressure at 16 bar for use of portable   |      |                |
|      | water including necessary fittings and   |      |                |
|      | accessories such as filter protecting    |      |                |
|      | both meter mechanism, change-over        |      |                |
|      | valves, rubbler gaskets, concrete        |      |                |
|      | supports and etc.                        |      |                |
| 1376 | To supply, Install or replace 150mm      | SET  | 4,183.70       |
|      | or above Combination Water Meter -       |      |                |
|      | flanged type of approved ISO Standard    |      |                |
|      | with max pressure at 16 bar for use of   |      |                |
|      | portable water including necessary       |      |                |
|      | fittings and accessories such as filter  |      |                |
|      | protecting both meter mechanism, change- |      |                |
|      | over valves, rubbler gaskets, concrete   |      |                |
|      | supports and etc.                        |      |                |
| 1377 | To supply, install or replace 100mm      | EACH | 1,020.00       |
|      | water meter approved by PUB.             |      |                |
| 1378 | To supply, install or replace 150mm      | EACH | 1,360.00       |
|      | water meter approved by PUB.             |      |                |
| 1379 | To supply, install or replace 200mm      | EACH | 1,496.00       |
|      | or above water meter approved by PUB.    |      |                |
| 1380 | To supply, install or replace            | EACH | 12.75          |
|      | approved 13mm diameter of constant flow  |      |                |

| S/No | Description                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | regulator.                                                                                                                                                                                                                    |      |                |
| 1381 | To supply, install or replace foot                                                                                                                                                                                            | EACH | 301.24         |
|      | control pedal including connection and making good.                                                                                                                                                                           |      |                |
| 1382 | To supply, install or replace 5" water                                                                                                                                                                                        | EACH | 44.63          |
|      | filter or its equivalent.                                                                                                                                                                                                     |      |                |
| 1383 | To supply, install or replace 5" water                                                                                                                                                                                        | EACH | 5.10           |
|      | filter cartridge or its equivalent.                                                                                                                                                                                           |      |                |
| 1384 | To supply, install or replace 10" water                                                                                                                                                                                       | EACH | 61.63          |
|      | filter or its equivalent.                                                                                                                                                                                                     |      |                |
| 1385 | To supply, install or replace 10" water                                                                                                                                                                                       | EACH | 7.23           |
|      | filter cartridge or its equivalent.                                                                                                                                                                                           |      |                |
| 1386 | To supply , install or replace                                                                                                                                                                                                | EACH | 18.70          |
|      | rectangular cast iron light duty manhole/inspection chamber cover and frame to SS 30, 1981 weighing approximately 25 kg (total weight) including bedding frame in cement and sand (1:3) and sealing cover in grease and sand. |      |                |
| 1387 | To supply, install or replace                                                                                                                                                                                                 | EACH | 27.63          |
|      | rectangular cast iron manhole/inspection chamber cover and frame to SS 30, 1981 weighing approximately 37-38 kg (total weight) including bedding frame in cement and sand (1:3) and sealing cover in grease and sand.         |      |                |
| 1388 | To supply, install or replace ductile                                                                                                                                                                                         | EACH | 76.50          |
|      | iron single valve chamber c/w cover and frame surrounded with 75-100mm thick concrete and base.                                                                                                                               |      |                |
| 1389 | To supply, install or replace of ductile                                                                                                                                                                                      | EACH | 119.00         |
|      | iron double valve chamber c/w cover and frame surrounded with 75-100mm thick                                                                                                                                                  |      |                |

| S/No | Description                                                                                                                                                                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| -    | concrete and base.                                                                                                                                                                                                                  |      | ,              |
| 1390 | To supply labour to raise or lower                                                                                                                                                                                                  | EACH | 212.50         |
|      | existing inspection chamber and manhole cover and frame with 100mm thick concrete all round the frame work.                                                                                                                         |      |                |
| 1391 | To supply labour to raise or lower                                                                                                                                                                                                  | EACH | 170.00         |
|      | existing mosaic tile recess type inspection chamber and manhole cover and frame with 100mm thick concrete all round the framework.                                                                                                  |      |                |
| 1392 | To supply, install or replace Standard                                                                                                                                                                                              | EACH | 101.41         |
|      | circular cast iron medium duty manhole cover and frame to SS 30, 1981 weighing approximately 114 kg (total weight) including bedding frame in cement and sand (1:3) and sealing cover in grease and sand.                           |      |                |
| 1393 | To supply, install or replace Standard                                                                                                                                                                                              | EACH | 214.97         |
|      | double triangular cast iron heavy duty manhole cover and frame to SS 30, 1981 weighing approximately 205 kg (total weight) with a set of key including bedding frame in cement and sand (1:3) and sealing cover in grease and sand. |      |                |
| 1394 | To supply all labour, equipments and                                                                                                                                                                                                | м3   | 14.96          |
|      | machinery to excavate not exceeding 1.50 metre deep for manholes part return, fill in and ram, remainder cart away, deposit, spread and level as directed including planking and strutting.                                         |      |                |
| 1395 | To supply all labour, equipments and                                                                                                                                                                                                | м3   | 18.96          |
|      | machinery to excavate exceeding 1.50 metre and not exceeding 3.0 metre deep for manholes part return fill in and ram, remainder cart away, deposit, spread and level as directed including planking and strutting.                  |      |                |
| 1396 | To supply all labour, equipments and                                                                                                                                                                                                | м3   | 27.67          |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | machinery to excavate exceeding 3.0      |      |                |
|      | metres and not exceeding 4.5 metre deep  |      |                |
|      | for manholes part return fill in and     |      |                |
|      | ram, remainder cart away, deposit,       |      |                |
|      | spread and level as directed including   |      |                |
|      | planking and strutting.                  |      |                |
| 1397 | To supply, install or replace            | м3   | 153.27         |
|      | Concrete (1:2:4)in bottom to manholes    |      |                |
|      | including necessary formworks.           |      |                |
| 1398 | To supply, install or replace 225mm      | м2   | 47.18          |
|      | thick (average) concrete (1:2:4)         |      |                |
|      | benching and haunching to bottom of      |      |                |
|      | manholes finished with 13mm thick cement |      |                |
|      | mortar (1:1) rendering, the whole        |      |                |
|      | trowelled smooth with coves to 25mm      |      |                |
|      | radius at walls and rounded edges next   |      |                |
|      | channels including working carefully to  |      |                |
|      | edge of channels (channels measured      |      |                |
|      | separately).                             |      |                |
|      | separatery).                             |      |                |
| 1399 | To supply, install or replace 100mm      | м2   | 30.18          |
|      | thick concrete (1:2:4) slab reinforced   |      |                |
|      | with BRC No.C5 fabric reinforcement      |      |                |
|      | including formwork.                      |      |                |
|      |                                          |      |                |
| 1400 | To supply, install or replace 100mm      | EACH | 24.18          |
|      | diameter half round salt-glazed          |      |                |
|      | stoneware straight or curve branch       |      |                |
|      | channels including bedding and JTing in  |      |                |
|      | cement and sand (1:1).                   |      |                |
| 1401 | To supply, install or replace 100mm      | EACH | 25.12          |
|      | diameter three quarter section salt      |      |                |
|      | glazed stoneware straight or curve       |      |                |
|      | branch channels including bedding and    |      |                |
|      |                                          |      |                |
|      | JTing in cement and sand (1:1)           |      |                |
| 1402 | To supply, install or replace 150mm      | EACH | 32.39          |
|      | diameter half round salt glazed          |      |                |
|      | stoneware straight or curve branch       |      |                |
|      | channels including bedding and JTing in  |      |                |
|      | cement and sand (1:1).                   |      |                |
|      |                                          |      |                |

| S/No | Description                                                                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1403 | To supply, install or replace 100 -150mm                                                                                    | EACH | 29.75          |
|      | diameter half round salt glazed stoneware taper piece including bedding and Jointing in cement and sand (1:1).              |      |                |
| 1404 | To supply, install or replace 225mm                                                                                         | м2   | 67.58          |
|      | thick cement and sand (1:2) rendering to internal surfaces of manhole.                                                      |      |                |
| 1405 | To supply, install or replace 20mm                                                                                          | м2   | 7.95           |
|      | thick brick sides in manhole in cement mortar (1:3)                                                                         |      |                |
| 1406 | To supply, install or replace 150mm                                                                                         | EACH | 102.38         |
|      | diameter stoneware pipe for 150mm x<br>150mm tumbling bay/back door junction.                                               |      |                |
| 1407 | To supply, install or replace 100mm                                                                                         | EACH | 66.56          |
|      | diameter cast iron pipe for 100mm x<br>100mm tumbling bay/back door junction.                                               |      |                |
| 1408 | To supply, install or replace aluminium                                                                                     | EACH | 54.83          |
|      | ladder 375mm wide including stringers, rungs, brackets and stiffeners for Manhole.                                          |      |                |
| 1409 | To supply, install or replace aluminium                                                                                     | EACH | 72.68          |
|      | hand railing 40mm external diameter, 900mm high with and including screwed bends, junctions and flanged bottom for Manhole. |      |                |
| 1410 | To supply, install or aluminium                                                                                             | EACH | 30.01          |
|      | hand hold 30mm external diameter 1.5m<br>long with both ends bent. for Manhole.                                             |      |                |
| 1411 | To supply, install or aluminium                                                                                             | EACH | 41.99          |
|      | safety link chain including hooks and end rings for Manhole.                                                                |      |                |
| 1412 | To supply labour, materials, equipment                                                                                      | м3   | 187.85         |
|      | and transport to cast concrete 1:2:4 in small quantities not exceeding 0.2 cubic                                            |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | metre includingin ht reinforcement and   |      |                |
|      | formwork.                                |      |                |
| 1413 | To supply labour, materials, equipment   | м3   | 156.40         |
|      | and transport to cast concrete 1:3:6 in  |      |                |
|      | small quantities not exceeding 0.2 cubic |      |                |
|      | metre includingin ht reinforcement and   |      |                |
|      | formwork.                                |      |                |
| 1414 | To repair and refix minor leaking works  | EACH | 17.00          |
|      | supplying labour inclusive of equipments |      |                |
|      | and materials.                           |      |                |
| 1415 | Take out repair and refix existing water | EACH | 25.50          |
|      | closet or urinal bowl inclusive of       |      |                |
|      | repair works and making good work        |      |                |
|      | disturbed.                               |      |                |
| 1416 | To supply, labour and use of all         | JOB  | 85.00          |
|      | necessary equipments and tools to clear  |      |                |
|      | any kind of choke for plumbing and       |      |                |
|      | sanitary for After Office Hours -        |      |                |
|      | Saturday, Sunday and Public Holiday.     |      |                |
| 1417 | To supply, labour and use of all         | JOB  | 42.50          |
|      | necessary equipments and tools to clear  |      |                |
|      | any kind of choke in rainwater down      |      |                |
|      | pipe, canteen or others.                 |      |                |
| 1418 | To supply, install or replace wall       | EACH | 501.50         |
|      | or ceiling mounted 4 fixed or adjustable |      |                |
|      | heads emergency shower complete with     |      |                |
|      | brackets. (Pipes and fittings measured   |      |                |
|      | separately).                             |      |                |
| 1419 | To supply, install or replace wall       | EACH | 637.50         |
|      | or ceiling mounted 6 fixed or adjustable |      |                |
|      | heads emergency shower complete with     |      |                |
|      | brackets. (Pipes and fittings measured   |      |                |
|      | separately).                             |      |                |
| 1420 | To supply, install or replace wall       | EACH | 748.00         |
|      | or ceiling mounted 7 fixed or adjustable |      |                |
|      | heads emergency shower complete with     |      |                |

| brackets. (Pipes and fittings measured separately).  1421 To supply, install or replace hand operated eyeshower with bowl for wall mounted. (Pipes and fittings measured separately).  1422 To supply, install or replace wall EACH 765.00 or ceiling mounted or free standing emergency all stainless steel horizontal drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall EACH 2,082.50 or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press paperated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press paperated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75 diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends including nainting and necessary.                                                                                                                                           | S/No | Description                              | Unit | Unit Cost (\$) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|------|----------------|
| 1421 To supply, install or replace hand operated eyeshower with bowl for wall mounted. (Pipes and fittings measured separately).  1422 To supply, install or replace wall or celling mounted or free standing emergency all stainless steel horizontal drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall or celling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and prackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or celling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75 diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                              |      | -                                        |      |                |
| operated eyeshower with bowl for wall mounted. (Pipes and fittings measured separately).  1422 To supply, install or replace wall or celling mounted or free standing emergency all stainless steel horizontal drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall EACH 2,082.50  or ceiling mounted or free standing emergency all stainless steel shower station with EVE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press EACH 315.27  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75  diameter spindle screwdown type Ductile irron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                        |      | separately).                             |      |                |
| mounted. (Pipes and fittings measured separately).  1422 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel horizontal drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press EACH 315.27  1426 To supply, install or replace hand press EACH 539.58  1427 Operated single - way retractable Eyeshower for table-top or wall mounted. (Pipes and fittings measured separately).  1428 To supply, install or replace hand press EACH 539.58  1429 Operated double - way retractable Eyeshower for table-top or wall mounted. (Pipes and fittings measured separately).  1420 To supply, install or replace hand press EACH 539.58  1421 Operated double - way retractable Eyeshower for table-top or wall mounted. (Pipes and fittings measured separately).  1422 Supply and install approved 100mm EACH 437.75  1437 Supply and install approved 100mm EACH 437.75  1448 With double screw down type Duttile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends | 1421 | To supply, install or replace hand       | EACH | 1,020.00       |
| separately).  To supply, install or replace wall or celling mounted or free standing emergency all stainless steel horizontal drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall or celling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press EACH 315.27  1426 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75 diameter spindle screwdown type Duttle iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                             |      | operated eyeshower with bowl for wall    |      |                |
| To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel horizontal drench shower (zw sign plate and brackets.(Pipes and fittings measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                  |      | mounted. (Pipes and fittings measured    |      |                |
| or ceiling mounted or free standing emergency all stainless steel horizontal drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press EACH 315.27 operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press EACH 539.58 operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75 diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                |      | separately).                             |      |                |
| emergency all stainless steel horizontal drench shower c/w sign plate and brackets.(Pipes and fittings measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                     | 1422 | To supply, install or replace wall       | EACH | 765.00         |
| emergency all stainless steel horizontal drench shower c/w sign plate and brackets.(Pipes and fittings measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                     |      | or ceiling mounted or free standing      |      |                |
| drench shower c/w sign plate and brackets. (Pipes and fittings measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press poperated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press poperated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                          |      |                |
| measured separately)  1423 To supply, install or replace wall or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                          |      |                |
| To supply, install or replace wall  or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | brackets.(Pipes and fittings             |      |                |
| or ceiling mounted or free standing emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | measured separately)                     |      |                |
| emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press EACH 315.27 operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press EACH 539.58 operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75 diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1423 | To supply, install or replace wall       | EACH | 2,082.50       |
| emergency all stainless steel shower station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press EACH 315.27 operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press EACH 539.58 operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75 diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | or ceiling mounted or free standing      |      |                |
| station with EYE/FACE wash c/w sign plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
| plate and brackets. (Pipes and fittings measured separately)  1424 To supply, install or replace wall or  ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
| To supply, install or replace wall or  ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  EACH 539.58  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | plate and brackets. (Pipes and fittings  |      |                |
| ceiling mounted single head (fixed or adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  EACH 539.58  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | measured separately)                     |      |                |
| adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1424 | To supply, install or replace wall or    | EACH | 501.50         |
| adjustable heads) Emergency Shower complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | ceiling mounted single head (fixed or    |      |                |
| complete with brackets (Pipes and fittings measured separately).  1425 To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                          |      |                |
| To supply, install or replace hand press  operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                          |      |                |
| operated single - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | fittings measured separately).           |      |                |
| EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1425 | To supply, install or replace hand press | EACH | 315.27         |
| EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | operated single - way retractable        |      |                |
| separately).  1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                          |      |                |
| 1426 To supply, install or replace hand press  operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | (Pipes and fittings measured             |      |                |
| operated double - way retractable EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | separately).                             |      |                |
| EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1426 | To supply, install or replace hand press | EACH | 539.58         |
| EyeShower for table-top or wall mounted. (Pipes and fittings measured separately).  1427 Supply and install approved 100mm  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | operated double - way retractable        |      |                |
| separately).  1427 Supply and install approved 100mm  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                          |      |                |
| 1427 Supply and install approved 100mm  EACH 437.75  diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | (Pipes and fittings measured             |      |                |
| diameter spindle screwdown type Ductile iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | separately).                             |      |                |
| iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1427 | Supply and install approved 100mm        | EACH | 437.75         |
| iron fire hydrant complying with SS CP29 with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | diameter spindle screwdown type Ductile  |      |                |
| with double screw outlets, flanged ends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                          |      |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                          |      |                |
| melading painting and necessary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | including painting and necessary         |      |                |

| S/No | Description                                                                                              | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------|------|----------------|
|      | connections and adjustment to piping                                                                     |      |                |
| 1428 | Supply labour, transport, tools and                                                                      | EACH | 34.00          |
|      | equipment to carry out the proper                                                                        |      |                |
|      | inspection and Wet Test Procedures on                                                                    |      |                |
|      | Fire Hydrant including flushing and                                                                      |      |                |
|      | checking outlet connection, measuring                                                                    |      |                |
|      | water flow rate and water pressure at                                                                    |      |                |
|      | the outlets complete with submission of                                                                  |      |                |
|      | report reading. All works performed                                                                      |      |                |
|      | shall be equipped with canvas rubber                                                                     |      |                |
|      | lined fire hose complete with hose                                                                       |      |                |
|      | binding and instantaneous brass                                                                          |      |                |
|      | coupling.                                                                                                |      |                |
| 1429 | Supply, fix or replace in position new                                                                   | EACH | 204.00         |
|      | double outlet 63mm pillar hydrant                                                                        |      |                |
|      | including base connection complete                                                                       |      |                |
|      | including painting but exclude concrete                                                                  |      |                |
|      | base and piping.                                                                                         |      |                |
|      |                                                                                                          |      |                |
| 1430 | Supply & Install or replace pillar                                                                       | EACH | 25.50          |
|      | hydrant cap c/w chain.                                                                                   |      |                |
| 1431 | Supply & Install or replace cast iron                                                                    | EACH | 59.50          |
|      | pit cover (Standard Size)                                                                                |      |                |
| 1432 | Supply & Install or replace duct-foot                                                                    | EACH | 127.50         |
|      | bend(diameter 150mm)                                                                                     |      |                |
| 1433 | Supply & Install or replace duct-foot                                                                    | EACH | 102.00         |
|      | bend (diameter 100mm)                                                                                    |      |                |
| 1434 | Supply & Install or replace vertical                                                                     | EACH | 59.50          |
|      | extension hydrant pipe(diameter 100mm).                                                                  |      |                |
| 1435 | Supply & Install or replace 65mm x 30m                                                                   | EACH | 170.00         |
|      | canvas rubber lined fire hose approved type complete with hose binding and instantaneous brass coupling. |      |                |
| 1436 | Supply & Install or replace 50mm x 30m                                                                   | EACH | 136.00         |
|      | canvas rubber lined fire hose approved                                                                   |      |                |

| S/No | Description                                                              | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------|------|----------------|
|      | type complete with hose binding and                                      |      |                |
|      | instantaneous brass coupling.                                            |      |                |
| 1437 | Supply & Install or replace 38mm x 30m                                   | EACH | 102.00         |
|      | canvas rubber lined fire hose approved                                   |      |                |
|      | type complete with hose binding and                                      |      |                |
|      | instantaneous brass coupling.                                            |      |                |
| 1438 | Supply & Install or replace hose cradle.                                 | EACH | 51.00          |
| 1439 | Supply and install approved wall                                         | EACH | 244.80         |
|      | mounted double swivel and recessed if                                    |      |                |
|      | required, hosereel complying with BS                                     |      |                |
|      | 5274 complete with 30m long of 25mm                                      |      |                |
|      | diameter kinkable reinforced rubber                                      |      |                |
|      | hose, a jet or spray type shut-off nozzle, gunmetal control valves, wall |      |                |
|      | brackets and fittings including fixing                                   |      |                |
|      | to wall, painting and all necessary                                      |      |                |
|      | connections and adjustment to piping                                     |      |                |
| 1440 | Supply & Fix or replace 20 mm / 25mm                                     | EACH | 0.85           |
|      | diameter hose clip.                                                      |      |                |
| 1441 | Supply & Fix or replace 5 mm x 75 mm                                     | EACH | 8.50           |
|      | handle wheel.                                                            |      |                |
| 1442 | To supply, install or replace 20mm/25mm                                  | EACH | 25.50          |
|      | brass stop-cock.                                                         |      |                |
| 1443 | Supply & Fix or replace 20 mm / 25mm                                     | EACH | 9.35           |
|      | universal coupling Joint.                                                |      |                |
| 1444 | To supply, install or replace 40mm                                       | EACH | 40.04          |
|      | diameter Flexible Joint.                                                 |      |                |
| 1445 | To supply, install or replace 50mm                                       | EACH | 44.50          |
|      | diameter Flexible Joint.                                                 |      |                |
| 1446 | To supply, install or replace 65mm                                       | EACH | 48.96          |
|      | diameter Flexible Joint.                                                 |      |                |
| I    |                                                                          |      | l l            |

| S/No | Description                                                                                                                                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1447 | To supply, install or replace 75mm                                                                                                                                                                                                                                                                                                                                                             | EACH | 53.38          |
|      | diameter Flexible Joint.                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1448 | To supply, install or replace 100mm                                                                                                                                                                                                                                                                                                                                                            | EACH | 133.45         |
|      | diameter Flexible Joint.                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1449 | To supply, install or replace 150mm                                                                                                                                                                                                                                                                                                                                                            | EACH | 177.91         |
|      | diameter Flexible Joint.                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1450 | To supply, install or replace 200mm                                                                                                                                                                                                                                                                                                                                                            | EACH | 338.73         |
|      | diameter Flexible Joint.                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1451 | To supply, install or replace 250mm                                                                                                                                                                                                                                                                                                                                                            | EACH | 493.34         |
|      | diameter Flexible Joint.                                                                                                                                                                                                                                                                                                                                                                       |      |                |
| 1452 | Supply & Install or replace 38mm                                                                                                                                                                                                                                                                                                                                                               | EACH | 34.00          |
|      | Diffuser nozzle (Brass)                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1453 | Supply & Install or replace 50mm                                                                                                                                                                                                                                                                                                                                                               | EACH | 42.50          |
|      | Diffuser Nozzle (Brass)                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1454 | Supply & Install or replace 65mm                                                                                                                                                                                                                                                                                                                                                               | EACH | 51.00          |
|      | Diffuser Nozzle (Brass)                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1455 | Supply & Install or replace 65mm                                                                                                                                                                                                                                                                                                                                                               | EACH | 46.75          |
|      | Hydrant Adaptor (Brass)                                                                                                                                                                                                                                                                                                                                                                        |      |                |
| 1456 | Fabrication, supply & installation or                                                                                                                                                                                                                                                                                                                                                          | EACH | 382.50         |
|      | replace of 150mm diameter stainless steel (Grade 316 of 3mm thickness, at least) removable bollard of standard height (1m from ground level) with rounded head c/w sign tape diamondgrade reflective strips measuring 12 inches height (Including planting sleeve base for bollard to existing reinforced concrete/ground with concrete grade 25)Bollard complete with locking device to base. |      |                |
| 1457 | Fabrication, supply & installation or                                                                                                                                                                                                                                                                                                                                                          | EACH | 127.50         |

| S/No | Description                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------|------|----------------|
|      | replace of 75mm diameter hot-dip                                                 |      |                |
|      | galvanised coated mild steel fix bollard                                         |      |                |
|      | of standard height (1m from ground                                               |      |                |
|      | level) with rounded head c/w sign tape                                           |      |                |
|      | diamond grade reflective strips                                                  |      |                |
|      | measuring 12 inches height & paint two                                           |      |                |
|      | coats of white enamel paint finished                                             |      |                |
|      | (Including planting bollard to existing                                          |      |                |
|      | reinforced concrete/ground with concrete grade 25)                               |      |                |
|      | grade 23)                                                                        |      |                |
| 1458 | Fabrication, supply & installation or                                            | EACH | 170.00         |
|      | replace of 100mm diameter hot-dip                                                |      |                |
|      | galvanised coated mild steel fix bollard                                         |      |                |
|      | of standard height(1m from ground                                                |      |                |
|      | level) with rounded head c/w sign tape                                           |      |                |
|      | diamond grade reflective strips                                                  |      |                |
|      | measuring 12 inches height & paint two                                           |      |                |
|      | coats of white enamel paint finished                                             |      |                |
|      | (Including planting bollard to existing reinforced concrete/ground with concrete |      |                |
|      | grade 25)                                                                        |      |                |
|      | BIOGE 23)                                                                        |      |                |
| 1459 | Fabrication, supply & installation or                                            | EACH | 212.50         |
|      | replace of 125mm diameter hot-dip                                                |      |                |
|      | galvanised coated mild steel fix bollard                                         |      |                |
|      | of standard height (1m from ground                                               |      |                |
|      | level) with rounded head c/w sign tape                                           |      |                |
|      | diamond grade reflective strips                                                  |      |                |
|      | measuring 12 inches height & paint two                                           |      |                |
|      | coats of white enamel paint finished                                             |      |                |
|      | (Including planting bollard to existing                                          |      |                |
|      | reinforced concrete/ground with concrete                                         |      |                |
|      | grade 25)                                                                        |      |                |
| 1460 | Fabrication, supply & installation or                                            | EACH | 255.00         |
|      | replace of 150mm diameter hot-dip                                                |      |                |
|      | galvanised coated mild steel fix bollard                                         |      |                |
|      | of standard height (1m from ground                                               |      |                |
|      | level) with rounded head c/w sign tape                                           |      |                |
|      | diamond grade reflective strips                                                  |      |                |
|      | measuring 12 inches height(Including                                             |      |                |
|      | planting bollard to existing reinforced                                          |      |                |
|      | concrete/ground with concrete grade 25)                                          |      |                |
| 1461 | Fabrication, supply & installation or                                            | EACH | 191.25         |
|      | replace of 75mm diameter hot-dip                                                 |      |                |
|      | galvanised coated mild steel removable                                           |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | bollard of standard height (1m from      |      |                |
|      | ground level) with rounded head c/w sign |      |                |
|      | tape diamond grade reflective strips     |      |                |
|      | measuring 12 inches height and paint two |      |                |
|      | coats of white enamel pain finished      |      |                |
|      | (Including planting sleeve base for      |      |                |
|      | bollard to existing reinforced           |      |                |
|      | concrete/ground with concrete grade 25)  |      |                |
| 1462 | Fabrication, supply & installation or    | EACH | 233.75         |
|      | replace of 100mm diameter hot-dip        |      |                |
|      | galvanised coated mild steel removable   |      |                |
|      | bollard of standard height (1m from      |      |                |
|      | ground level) with rounded head c/w sign |      |                |
|      | tape diamond grade reflective strips     |      |                |
|      | measuring 12 inches height and paint two |      |                |
|      | coats of white enamel paint finished     |      |                |
|      | (Including planting sleeve base for      |      |                |
|      | bollard to existing reinforced           |      |                |
|      | concrete/ground with concrete grade 25)  |      |                |
| 1463 | Fabrication, supply & installation or    | EACH | 276.25         |
|      | replace of 125mm diameter hot-dip        |      |                |
|      | galvanised coated mild steel removable   |      |                |
|      | bollard of standard height (1m from      |      |                |
|      | ground level) with rounded head c/w sign |      |                |
|      | tape diamond grade reflective strips     |      |                |
|      | measuring 12 inches height and paint two |      |                |
|      | coats of white enamel paint finished     |      |                |
|      | (Including planting sleeve base for      |      |                |
|      | bollard to existing reinforced           |      |                |
|      | concrete/ground with concrete grade 25)  |      |                |
| 1464 | Fabrication, supply & installation or    | EACH | 318.75         |
|      | replace of 150mm diameter hot-dip        |      |                |
|      | galvanised coated mild steel removable   |      |                |
|      | bollard of standard height (1m from      |      |                |
|      | ground level) with rounded head c/w sign |      |                |
|      | tape diamond grade reflective strips     |      |                |
|      | measuring 12 inches height and paint two |      |                |
|      | coats of white enamel paint finished     |      |                |
|      | (Including planting sleeve base for      |      |                |
|      | bollard to existing reinforced           |      |                |
|      | concrete/ground with concrete grade 25)  |      |                |
| 1465 | To provide transportation, labour and    | EACH | 85.00          |
|      | tools for dismantling and relocate       |      |                |
|      | existing fixed/removable bollard or      |      |                |

| S/No | Description                                 | Unit    | Unit Cost (\$) |
|------|---------------------------------------------|---------|----------------|
|      | metal barrier(of all size and type)         |         |                |
|      | including replacement of fix sign tape      |         |                |
|      | diamond grade reflective strips             |         |                |
|      | measuring 12" and make good all work        |         |                |
|      | disturbed on completion.                    |         |                |
| 1466 | To supply , install or replace fixed        | EACH    | 632.06         |
|      | bollards of 76mm diameter without chain.    |         |                |
| 1467 | To supply, install or replace               | EACH    | 872.36         |
|      | retractable bollards of 76mm diameter       |         |                |
|      | with chain and complete with a padlock      |         |                |
|      | and two nos. of keys.                       |         |                |
| 1468 | To supply, install or replace               | EACH    | 1,050.01       |
| 1.00 | 10 Supply, Install St. Teplace              | 27 (01) | 1,030.01       |
|      | retractable bollards of 76mm diameter       |         |                |
|      | with chain for center to center spacing     |         |                |
|      | between bollards of 2.0m complete with      |         |                |
|      | a padlock & two nos. of keys                |         |                |
| 1469 | To supply, install or replace 250mm         | EACH    | 233.75         |
|      | diameter (and above) Fibreglass Fixed       |         |                |
|      | Bollard of standard height with rounded     |         |                |
|      | head c/w sign tape diamond grade            |         |                |
|      | reflective strips and bollard base          |         |                |
|      | supporting brackets embedded to             |         |                |
|      | reinforced concrete / ground with           |         |                |
|      | concrete grade 25                           |         |                |
| 1470 | To supply, install or replace Stainless     | EACH    | 8.50           |
|      | Steel Chain size:10mm diameter x 30mm link. |         |                |
| 1471 | To supply, install or replace Stainless     | EACH    | 10.20          |
|      | Steel Chain size: 12mm diameter x 40mm link |         |                |
| 1472 | To provide transportation, labour &         | EACH    | 127.50         |
|      | tools for dismantling and relocate /        |         |                |
|      | disposal existing removable or fixed        |         |                |
|      | bollard / metal barrier (of all sizes       |         |                |
|      | and type) including the diamond grade       |         |                |
|      | reflective strips measuring 12" and make    |         |                |
|      | good all work disturbed on completion.      |         |                |
| 1473 | To supply, install or replace Sign          | EACH    | 233.75         |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
|      | Tape Diamond Grade Reflective Strips                                           |      |                |
|      | measuring 12 inches (height).                                                  |      |                |
|      |                                                                                |      |                |
| 1474 | Fabrication, supply & installation or                                          | EACH | 170.00         |
|      | manufacture of 75 manufacture about                                            |      |                |
|      | replace of 75mm diameter stainless steel                                       |      |                |
|      | (Grade 316 of 3mm thickness, at least) fix bollard of standard height (1m from |      |                |
|      | ground level) with rounded head c/w sign                                       |      |                |
|      | tape diamond grade reflective strips                                           |      |                |
|      | measuring 12 inches height(including                                           |      |                |
|      | planting bollard to existing reinforced                                        |      |                |
|      | concrete/ground with concrete grade 25)                                        |      |                |
|      | concrete/ground with concrete grade 25)                                        |      |                |
| 1475 | Fabrication, supply & installation or                                          | EACH | 212.50         |
|      | replace of 100mm diameter stainless                                            |      |                |
|      | steel (Grade 316 of 3mm thickness, at                                          |      |                |
|      | least) fix bollard of standard height                                          |      |                |
|      | (1m from ground level) with rounded head                                       |      |                |
|      | c/w sign tape diamond grade reflective                                         |      |                |
|      | strips measuring 12 inches height                                              |      |                |
|      | (Including planting bollard to existing                                        |      |                |
|      | reinforced concrete/ground with concrete                                       |      |                |
|      | grade 25)                                                                      |      |                |
|      |                                                                                |      |                |
| 1476 | Fabrication, supply & installation or                                          | EACH | 255.00         |
|      | replace of 125mm diameter stainless                                            |      |                |
|      | steel (Grade 316 of 3mm thickness at                                           |      |                |
|      | least) fix bollard of standard height                                          |      |                |
|      | (1m from ground level) with rounded head                                       |      |                |
|      | c/w sign tape diamond grade reflective                                         |      |                |
|      | strips measuring 12 inches height                                              |      |                |
|      | (Including planting bollard to existing                                        |      |                |
|      | reinforced concrete/ground with concrete                                       |      |                |
|      | grade 25)                                                                      |      |                |
| 1477 | Fabrication, supply & installation or                                          | EACH | 297.50         |
|      | vania aa af 150mm diamaskan aksimiaas                                          |      |                |
|      | replace of 150mm diameter stainless                                            |      |                |
|      | steel (Grade 316 of 3mm thickness, at                                          |      |                |
|      | least) fix bollard of standard height                                          |      |                |
|      | (1m from ground level) with rounded head                                       |      |                |
|      | c/w sign tape diamond grade reflective                                         |      |                |
|      | strips measuring 12 inches                                                     |      |                |
|      | height(Including planting bollard to existing reinforced concrete/ground with  |      |                |
|      | concrete grade 25)                                                             |      |                |
|      | consiste grade 23)                                                             |      |                |
| 1478 | Fabrication, supply & installation or                                          | EACH | 255.00         |
|      |                                                                                |      |                |

| S/No | Description                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------|------|----------------|
|      | replace of 75mm diameter stainless steel            |      |                |
|      | (Grade 316 of 3mm thickness, at least)              |      |                |
|      | removable bollard of standard height(1m             |      |                |
|      | from ground level) with rounded head c/w            |      |                |
|      | sign tape diamond grade reflective                  |      |                |
|      | strips measuring 12 inches                          |      |                |
|      | height(Including planting sleeve base               |      |                |
|      | for bollard to existing reinforced                  |      |                |
|      | concrete/ground with concrete grade                 |      |                |
|      | 25)Bollard complete with locking device             |      |                |
|      | to base.                                            |      |                |
| 1479 | Fabrication, supply & installation or               | EACH | 297.50         |
|      | replace of 100mm diameter stainless                 |      |                |
|      | steel (Grade 316 of 3mm thickness, at               |      |                |
|      | least) removable bollard of standard                |      |                |
|      | height (1m from ground level) with                  |      |                |
|      | rounded head c/w sign tape diamond grade            |      |                |
|      | reflective strips measuring 12 inches               |      |                |
|      | height(Including planting sleeve base               |      |                |
|      | for bollard to existing reinforced                  |      |                |
|      | concrete/ground with concrete grade                 |      |                |
|      | 25)Bollard complete with locking device             |      |                |
|      | to base.                                            |      |                |
| 1480 | Fabrication, supply & installation or               | EACH | 340.00         |
|      | replace of 125mm diameter stainless                 |      |                |
|      | steel (Grade 316 of 3mm thickness, at               |      |                |
|      | least) removable bollard of standard                |      |                |
|      | height (1m from ground level) with                  |      |                |
|      | rounded head c/w sign tape diamond grade            |      |                |
|      | reflective strips measuring 12 inches               |      |                |
|      | height(Including planting sleeve base               |      |                |
|      | for bollard to existing reinforced                  |      |                |
|      | concrete/ground with concrete grade 25)             |      |                |
|      | Bollard complete with locking device to             |      |                |
|      | base.                                               |      |                |
| 1481 | To supply, install or replace chromium              | EACH | 25.50          |
|      | plated retractable clothes line (single             |      |                |
|      | line).                                              |      |                |
|      |                                                     |      |                |
| 1482 | To supply, install or replace chromium              | EACH | 4.59           |
|      | plated or powder coated paint coat hanger (single). |      |                |
| 1483 | To supply, install or replace chromium              | EACH | 4.93           |
| J    | l .                                                 |      | ı l            |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | plated or powder coated paint coat       |      |                |
|      | hanger (double).                         |      |                |
| 1484 | To supply, install or replace manual     | EACH | 680.00         |
|      | operated chain pulled Roller             |      |                |
|      | Shutter/Roller Grill (natural anodised   |      |                |
|      | aluminium) Size: Area below 50sq.ft      |      |                |
| 1485 | To supply, install or replace manual     | M2   | 15.30          |
|      | operated chain pulled Roller             |      |                |
|      | Shutter/Roller Grill (natural anodised   |      |                |
|      | aluminium) Size : Area from 50sq.ft-     |      |                |
|      | 100sq.ft                                 |      |                |
| 1486 | To supply, install or replace manual     | M2   | 12.75          |
|      | operated chain pulled Roller             |      |                |
|      | Shutter/RollerGrill (natural anodised    |      |                |
|      | aluminium) Size: Area 100sq.ft and above |      |                |
| 1487 | To supply, install or replace Roller     | M2   | 1,700.00       |
|      | Shutter Motor(Japan Make)                |      |                |
| 1488 | To supply, install or replace Roller     | SET  | 1,190.00       |
|      | Shutter Motor (Others Make)              |      |                |
| 1489 | To supply, install or replace approved   | EACH | 1,304.75       |
|      | 1800mm diameter chequered aluminium      |      |                |
|      | grease interceptor cover, 3-piece type   |      |                |
|      | Trap Cover including locking and all     |      |                |
|      | necessary accessories as according to    |      |                |
|      | ENV Standard drawing.                    |      |                |
| 1490 | To supply, install or replace approved   | EACH | 1,615.00       |
|      | 1800mm diameter chequered aluminium      |      |                |
|      | grease, 9-piece type Trap Cover          |      |                |
|      | including locking and all necessary      |      |                |
|      | accessories as according to ENV Standard |      |                |
|      | drawing.                                 |      |                |
| 1491 | To supply, install or replace            | EACH | 1,190.00       |
|      | 1800mm diameter X 15mm thick Glass       |      |                |
|      | Fibre Reinforced Plastic ( GRP ) Grease  |      |                |
|      | Interceptor Cover.                       |      |                |
|      |                                          |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 1492 | To supply, install or replace            | EACH | 18.70          |
|      |                                          |      |                |
|      | 1800mm diameter X 10mm thick Mild        |      |                |
|      | Steel Chequered Plate with angles        |      |                |
|      | skeleton frames with bituminous painted  |      |                |
|      | on both sides for Grease Interceptor /   |      |                |
|      | Grease Trap Cover.                       |      |                |
| 1493 | To supply, install or replace Construct, | EACH | 3,740.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 4            |      |                |
|      | comprising of 1050mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth not |      |                |
|      | exceeding 1500mm (Rate excluding         |      |                |
|      | cover).                                  |      |                |
| 1494 | To supply, install or replace Construct  | EACH | 4,046.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 4            |      |                |
|      | comprising of 1050mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 1500mm and not exceeding       |      |                |
|      | 2000mm (Rate excluding cover).           |      |                |
| 1495 | To supply, install or replace Construct  | EACH | 4,352.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 4            |      |                |
|      | comprising of 1050mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 2000mm and not exceeding       |      |                |
|      | 2500mm (Rate excluding cover).           |      |                |
| 1496 | To supply, install or replace Construct  | EACH | 4,649.50       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 4            |      |                |
|      | comprising of 1050mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 2500mm and not exceeding       |      |                |
|      | 3000mm (Rate excluding cover)            |      |                |
|      |                                          |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 1497 | To supply, install or replace Construct  | EACH | 4,947.00       |
|      |                                          |      |                |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 4            |      |                |
|      | comprising of 1050mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 3000mm and not exceeding       |      |                |
|      | 3500mm (Rate excluding cover)            |      |                |
| 1498 | To supply, install or replace Construct  | EACH | 5,270.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 4            |      |                |
|      | comprising of 1050mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 3500mm and not exceeding       |      |                |
|      | 4000mm (Rate excluding cover)            |      |                |
|      |                                          |      |                |
| 1499 | To supply, install or replace Construct  | EACH | 5,440.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 3B           |      |                |
|      | comprising of 1800mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth not |      |                |
|      | exceeding 1500mm. (Rate excluding cover) |      |                |
| 1500 | To supply, install or replace Construct  | EACH | 5,916.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 3B           |      |                |
|      | comprising of 1800mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 1500mm and not exceeding       |      |                |
|      | 2000mm (Rate excluding cover)            |      |                |
| 1501 | To supply, install or replace Construct  | EACH | 6,375.00       |
|      | standard grease interceptor as per       |      |                |
|      | Drawing No: ENV/SEW/76/82 - 3B           |      |                |
|      | comprising of 1800mm diameter precast    |      |                |
|      | chamber ring, aluminium alloy strainer,  |      |                |
|      | bucket, aluminium alloy chequered plate  |      |                |
|      | cover welded to grating etc of depth     |      |                |
|      | exceeding 2000mm and not exceeding       |      |                |
| •    | ·                                        | •    |                |

| S/No | Description                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------|------|----------------|
|      | 2500mm (Rate excluding cover)                                        |      |                |
|      |                                                                      |      |                |
| 1502 | To supply, install or replace Construct                              | EACH | 6,825.50       |
|      |                                                                      |      |                |
|      | standard grease interceptor as per                                   |      |                |
|      | Drawing No: ENV/SEW/76/82 - 3B comprising of 1800mm diameter precast |      |                |
|      | chamber ring, aluminium alloy strainer,                              |      |                |
|      | bucket, aluminium alloy chequered plate                              |      |                |
|      | cover welded to grating etc of depth                                 |      |                |
|      | exceeding 2500mm and not exceeding                                   |      |                |
|      | 3000mm (Rate excluding cover)                                        |      |                |
|      | (                                                                    |      |                |
| 1503 | To supply, install or replace Construct                              | EACH | 7,276.00       |
|      |                                                                      |      |                |
|      | standard grease interceptor as per                                   |      |                |
|      | Drawing No: ENV/SEW/76/82 - 3B                                       |      |                |
|      | comprising of 1800mm diameter precast                                |      |                |
|      | chamber ring, aluminium alloy strainer,                              |      |                |
|      | bucket, aluminium alloy chequered plate                              |      |                |
|      | cover welded to grating etc of depth                                 |      |                |
|      | exceeding 3000mm and not exceeding                                   |      |                |
|      | 3500mm                                                               |      |                |
| 1504 | To supply, install or replace Construct                              | EACH | 7,752.00       |
|      |                                                                      |      | 7,70=.00       |
|      | standard grease interceptor as per                                   |      |                |
|      | Drawing No: ENV/SEW/76/82 - 3B                                       |      |                |
|      | comprising of 1800mm diameter precast                                |      |                |
|      | chamber ring, aluminium alloy strainer,                              |      |                |
|      | bucket, aluminium alloy chequered plate                              |      |                |
|      | cover welded to grating etc of depth                                 |      |                |
|      | exceeding 3500mm and not exceeding                                   |      |                |
|      | 4000mm. (Rate excluding cover)                                       |      |                |
| 1505 | To supply, install or replace Construct                              | EACH | 2,204.90       |
|      | standar grease, petrol and silt                                      |      |                |
|      | interceptor ( three compartments )                                   |      |                |
|      | with an overall size of 3038mm long x                                |      |                |
|      | 675mm wide x 1200mm deep internally                                  |      |                |
|      | and complete with 75mm thick sand bed                                |      |                |
|      | 225mm thick reinforced concrete ( Grade                              |      |                |
|      | 20A ) base with 25mm thick waterproof                                |      |                |
|      | paving, 215mm thick brick surround,                                  |      |                |
|      | 102.5mm thick brick baffle, 150mm                                    |      |                |
|      | diameter cast iron pipes and pipe                                    |      |                |
|      | fittings, 75mm thick precast concrete (                              |      |                |
|      | Grade 20A ) cover with lifting rings and                             |      |                |
|      | including all necessary excavation,                                  |      |                |
|      | back-filling, disposing excavated                                    |      |                |
|      | material, formwork, reinforcement,                                   |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | waterproof plastering, etc as per        |      |                |
|      | Drawing No: ENV/SEW/76/80B               |      |                |
| 1506 | Add for each additional stage of 150mm   | EACH | 106.25         |
|      | deep internally for item CE0131.         |      |                |
|      |                                          |      |                |
| 1507 | To supply, install or replace 737mm x    | EACH | 476.60         |
|      | 559mm x 559mm deep Fibreglass dilution   |      |                |
|      | tank (grey colour) complete with waste   |      |                |
|      | pipe.(Extra piping measured separately)  |      |                |
| 1508 | To supply, install or replace 150mm      | EACH | 51.00          |
|      | salt glazed stoneware gulley complete    |      |                |
|      | with grating, 100 mm outgo and concrete  |      |                |
|      | surround minimum 100mm thick including   |      |                |
|      | removing existing damaged gulley and     |      |                |
|      | JTing new gulley to existing pipes.      |      |                |
| 1509 | To supply, install or replace Cast iron  | EACH | 45.90          |
|      | deep seal floor trap complete with       |      |                |
|      | hinged grating, hopper and with vertical |      |                |
|      | side or back inlets and 75mm outgo.      |      |                |
| 1510 | To supply, install or replace 150mm      | EACH | 52.74          |
|      | diameter coated cast iron floor waste    |      |                |
|      | "P" type with 75mm diameter outgo and    |      |                |
|      | necessary side inlets, UPVC or           |      |                |
|      | galvanised hinged grating and frame,     |      |                |
|      | including all necessary connections,     |      |                |
|      | raising piece, formwork, cutting through |      |                |
|      | concrete floor, packing around trap with |      |                |
|      | concrete (Grade 15A) and making good     |      |                |
|      | surrounds.                               |      |                |
| 1511 | To supply, install or replace 150mm      | EACH | 58.35          |
|      | diameter coated cast iron floor waste    |      |                |
|      | "S" type with 75mm diameter outgo and    |      |                |
|      | necessary side inlets, UPVC or           |      |                |
|      | galvanised hinged grating and frame,     |      |                |
|      | including all necessary connections,     |      |                |
|      | raising piece, formwork, cutting through |      |                |
|      | concrete floor, packing around trap with |      |                |
|      | concrete (Grade 15A) and making good     |      |                |
|      | surrounds.                               |      |                |
|      |                                          |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 1512 | To supply, install or replace 150mm      | EACH | 58.35          |
|      |                                          |      |                |
|      | diameter coated cast iron floor trap     |      |                |
|      | "P" type with 75mm deep seal, 75mm       |      |                |
|      | diameter outgo and necessary side        |      |                |
|      | inlets, galvanised or UPVC hinged        |      |                |
|      | grating and frame including all          |      |                |
|      | connections raising piece, formwork,     |      |                |
|      | cutting through concrete floor, packing  |      |                |
|      | around trap with concrete (Grade 15A)    |      |                |
|      | and making good surrounds.               |      |                |
| 1513 | To supply, install or replace 150mm      | EACH | 66.20          |
|      | diameter coated cast iron floor, trap    |      |                |
|      | "S" type with 75mm deep seal, 75mm       |      |                |
|      | diameter outgo and necessary side        |      |                |
|      | inlets, galvanised or UPVC hinged        |      |                |
|      | grating and frame including all          |      |                |
|      | connections raising piece, formwork,     |      |                |
|      | cutting through concrete floor, packing  |      |                |
|      | around trap with concrete (Grade 15A)    |      |                |
|      | and making good surrounds.               |      |                |
| 1514 | To supply, install or replace 150mm      | EACH | 13.26          |
|      | diameter coated cast iron floor trap "S" |      |                |
|      | type with 75mm deep seal, 75mm diameter  |      |                |
|      | outgo and necessary side inlets,         |      |                |
|      | galvanised or UPVC hinged grating and    |      |                |
|      | frame including all connections raising  |      |                |
|      | piece, formwork, cutting through         |      |                |
|      | concrete floor, packing around trap with |      |                |
|      | concrete (Grade 15A) and making good     |      |                |
|      | surrounds if JTed in caulked lead and    |      |                |
|      | set in suspended floor slab              |      |                |
| 1515 | To supply, install or replace Vitrified  | 0 NO | 49.73          |
|      | Clay Trapped Gully with 100mm diameter   |      |                |
|      | outlet, 150mm x 150mm or 150mm           |      |                |
|      | diameter, circular galvanised iron       |      |                |
|      | hinged grating and frame including all   |      |                |
|      | necessary inlets raising piece where     |      |                |
|      | necessary and setting gully on and       |      |                |
|      | including surround with concrete ( Grade |      |                |
|      | 15A ) formwork, disposal of excavated    |      |                |
|      | materials and joining outgo and inlets   |      |                |
|      | with rubber ring Inclusive labour,       |      |                |
|      | materials, tools and transport           |      |                |
|      |                                          |      |                |

| S/No | Description                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------|------|----------------|
| 1516 | To supply, install or replace 150mm                                                      | EACH | 30.60          |
|      | diameter cast iron floor trap and hopper with hinged grating at ground floor.            |      |                |
| 1517 | To supply, install or replace 150mm                                                      | EACH | 13.09          |
|      | diameter cast iron hopper connecting piece not exceeding 300mm long.                     |      |                |
| 1518 | To supply, install or replace 100mm                                                      | EACH | 30.60          |
|      | diameter cast iron floor trap with hinged grating,hopper and 75mm outgo.                 |      |                |
| 1519 | To supply, install or replace 150mm                                                      | EACH | 5.70           |
|      | diameter Chromium plated hinged grating for floor trap.                                  |      |                |
| 1520 | To supply, install or replace 150mm                                                      | EACH | 5.70           |
|      | diameter cast iron square hinged grating to apron gulley.                                |      |                |
| 1521 | To supply, install or replace 50mm                                                       | EACH | 1.70           |
|      | diameter cast iron gratings including embedding in cement mortar.                        |      |                |
| 1522 | To supply, install or replace 75mm                                                       | EACH | 2.55           |
|      | diameter cast iron gratings including embedding in cement mortar.                        |      |                |
| 1523 | To supply, install or replace 100mm                                                      | EACH | 3.40           |
|      | diameter cast iron gratings including embedding in cement mortar.                        |      |                |
| 1524 | To supply, install or replace 150mm                                                      | EACH | 5.10           |
|      | iron gratings including embedding in cement mortar.                                      |      |                |
| 1525 | To supply, install or replace 150mm                                                      | EACH | 3.66           |
|      | plastic hinged grating of approved quality for floor trap including setting in concrete. |      |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
| 1526 | To supply, install or replace 150 mm                                      | EACH | 4.76           |
|      |                                                                           |      |                |
|      | plastic hinged grating of approved                                        |      |                |
|      | quality for gulley trap plastic grating including setting in concrete.    |      |                |
|      | including Setting in Concrete.                                            |      |                |
| 1527 | To supply, install or replace 75mm                                        | EACH | 2.47           |
|      |                                                                           |      |                |
|      | diameter plastic grating.                                                 |      |                |
| 1528 | To supply, install or replace 100mm                                       | EACH | 3.32           |
| 1326 | To supply, install of replace 100mm                                       | LACH | 3.52           |
|      | diameter cast iron perforated grating                                     |      |                |
|      | for rainwater downpipe.                                                   |      |                |
|      |                                                                           |      |                |
| 1529 | To supply, install or replace 150mm                                       | EACH | 3.15           |
|      | perforated round plastic grating of                                       |      |                |
|      | approved quality for floor trap                                           |      |                |
|      | including setting in concrete.                                            |      |                |
|      |                                                                           |      |                |
| 1530 | To supply, install or replace 150mm                                       | EACH | 5.06           |
|      | square plastic grating of approved                                        |      |                |
|      | quality for floor trap including                                          |      |                |
|      | setting in concrete.                                                      |      |                |
|      |                                                                           |      |                |
| 1531 | To supply, install or replace 150mm                                       | EACH | 14.88          |
|      | non-perforated square plastic grating                                     |      |                |
|      | of approved quality for floor trap                                        |      |                |
|      | including setting in concrete.                                            |      |                |
|      |                                                                           |      |                |
| 1532 | To supply, install or replace 150mm                                       | EACH | 9.52           |
|      |                                                                           |      |                |
|      | perforated square stainless steel grating of approved quality for floor   |      |                |
|      | trap including setting in concrete.                                       |      |                |
|      | trup metading setting in concrete.                                        |      |                |
| 1533 | To supply, install or replace 150mm                                       | EACH | 19.55          |
|      |                                                                           |      |                |
|      | non-perforated square stainless steel                                     |      |                |
|      | grating of approved quality for floor trap including setting in concrete. |      |                |
|      | trap including setting in concrete.                                       |      |                |
| 1534 | To supply, install or replace purpose                                     | EACH | 20.40          |
|      |                                                                           |      |                |
|      | made perforated 18G aluminium strainer                                    |      |                |
|      | for gulley trap complete with hinged                                      |      |                |
|      | cover.                                                                    |      |                |
| l    |                                                                           |      | ]              |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 1535 | To supply, install or replace 18G        | EACH | 40.80          |
|      | aluminium strainer for waste interceptor |      |                |
|      | trap not exceeding 300mm diameter.       |      |                |
| 1536 | To supply, install or replace 18G        | EACH | 89.76          |
|      | aluminium strainer for waste interceptor |      |                |
|      | trap exceeding 300mm but not exceeding   |      |                |
|      | 450mm diameter.                          |      |                |
| 1537 | To supply, install or replace 18G        | EACH | 79.48          |
|      | aluminium strainer for waste interceptor |      |                |
|      | trap square type 175mm x 175mm.          |      |                |
| 1538 | To supply, install or replace            | EACH | 495.55         |
|      | 225mm x 450mm street gully with 100mm    |      |                |
|      | outlet, including concrete bed, grating  |      |                |
|      | and strainer.                            |      |                |
| 1539 | To supply, install or replace 18G        | EACH | 79.48          |
|      | aluminium strainer for waste interceptor |      |                |
|      | trap rectangle/square type not exceeding |      |                |
|      | 600mm x 600mm.                           |      |                |
| 1540 | To supply, install or replace 2m3/hr     | EACH | 5.78           |
|      | Gas Meter.                               |      |                |
|      |                                          |      |                |
| 1541 | To supply, install or replace 5m3/Hr     | EACH | 10.46          |
|      | Gas Meter.                               |      |                |
| 1542 | To supply, install or replace 10m3/Hr    | EACH | 52.28          |
|      | Car Mater                                |      |                |
|      | Gas Meter.                               |      |                |
| 1543 | To supply, install or replace            | EACH | 83.64          |
|      | 20m3/25m3/Hr Gas Meter.                  |      |                |
| 1544 | To supply, install or replace 40m3/Hr    | EACH | 135.92         |
|      | Gas Meter.                               |      |                |
| 1545 | To supply, install or replace 85m3/Hr    | EACH | 156.83         |
|      | Gas Meter.                               |      |                |
|      |                                          |      |                |
|      |                                          |      |                |

| S/No | Description                                     | Unit | Unit Cost (\$) |
|------|-------------------------------------------------|------|----------------|
| 1546 | To supply, install or replace 170m3/Hr          | EACH | 209.10         |
|      | Gas Meter.                                      |      |                |
| 1547 | To supply, install or replace 300m3/Hr          | EACH | 575.03         |
|      | Gas Meter.                                      |      |                |
| 1548 | To supply, install or replace 50mm              | EACH | 1,055.70       |
|      | diameter solenoid valve and by-pass.            |      |                |
| 1549 | To supply, install or replace 80mm              | EACH | 1,291.15       |
|      | diameter solenoid valve and by-pass.            |      |                |
| 1550 | To supply, install or replace 100mm             | EACH | 2,142.00       |
|      | diameter solenoid valve and by-pass.            |      |                |
| 1551 | To supply, install or replace 50mm              | EACH | 891.65         |
|      | non-return valve with high-low pressure switch. |      |                |
| 1552 | To supply, install or replace 80mm              | EACH | 1,181.50       |
|      | non-return valve with high-low pressure switch. |      |                |
| 1553 | To supply, install or replace 100mm             | EACH | 1,592.77       |
|      | non-return valve with high-low pressure switch. |      |                |
| 1554 | To supply, install or replace                   | EACH | 31.37          |
|      | Radiography test 50mm diameter pipe joint.      |      |                |
| 1555 | To supply, install or replace                   | EACH | 47.09          |
|      | Radiography test 80mm diameter pipe joint.      |      |                |
| 1556 | To supply, install or replace                   | EACH | 47.09          |
|      | Radiography test 100mm diameter pipe joint.     |      |                |
| 1557 | To supply, install or replace                   | EACH | 78.46          |

| S/No | Description                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------|------|----------------|
|      | Radiography test 150mm diameter pipe      |      |                |
|      | joint.                                    |      |                |
| 1558 | Mobilisation of all neccessary            | JOB  | 209.10         |
|      | transport, labour, equipment and          |      |                |
|      | temporary signboard to the job site to    |      |                |
|      | conduct the radiography test.             |      |                |
| 1559 | Certification of radiographic inspection  | JOB  | 156.83         |
|      | report by a Professional Engineer         |      |                |
| 1560 | To supply, install or replace aluminium   | EACH | 156.83         |
|      | sheet gas meter box at site complete      |      |                |
|      | with enamel painting. (colour to be       |      |                |
|      | decided at site).                         |      |                |
| 1561 | To supply, install or replace 50mm        | EACH | 68.00          |
|      | diameter pipe link-up piece.              |      |                |
| 1562 | To supply, install or replace 80mm        | EACH | 104.55         |
|      | diameter pipe link-up piece.              |      |                |
| 1563 | To supply, install or replace 100mm       | EACH | 156.83         |
|      | diameter pipe link-up piece.              |      |                |
| 1564 | To supply, install or replace             | EACH | 2,125.00       |
|      | 1 sensor/channel leak detection system.   |      |                |
| 1565 | To supply, install or replace             | EACH | 2,890.00       |
|      | 2 sensors/channels leak detection system. |      |                |
| 1566 | To supply, install or replace             | EACH | 3,655.00       |
|      | 3 sensors/channels leak detection         |      |                |
|      | system.                                   |      |                |
| 1567 | To supply, install or replace             | EACH | 4,420.00       |
|      | 4 sensors/channels leak detection system. |      |                |
| 1568 | To supply, install or replace Each        | EACH | 765.00         |

| S/No | Description                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------|------|----------------|
|      | additional sensor/channel in excess of 4                |      |                |
|      | sensors/channels leak detection system.                 |      |                |
| 1569 | To supply, install or replace of Testing                | JOB  | 68.00          |
|      | of service of pipes outlet less than 10                 |      |                |
|      | stalls.                                                 |      |                |
| 1570 | To supply, install or replace Testing                   | JOB  | 127.50         |
|      | of service pipes outlet between 11 stalls to 20 stalls. |      |                |
| 1571 | To supply, install or replace Testing                   | JOB  | 187.00         |
|      | of service pipes outlet between 21                      |      |                |
|      | stalls to 30 stalls.                                    |      |                |
| 1572 | To supply, install or replace                           | JOB  | 238.00         |
|      | of service pipes outlet between 31 stalls to 40 stalls. |      |                |
|      | stans to 40 stans.                                      |      |                |
| 1573 | To supply, install or replace Testing                   | JOB  | 280.50         |
|      | of service pipes outlet above 40 stalls.                |      |                |
| 1574 | To supply, install or replace Testing                   | JOB  | 4.25           |
|      | of internal pipes for each stall.                       |      |                |
| 1575 | To supply, install or replace Testing                   | JOB  | 127.50         |
|      | of service and internal pipes for each restaurant.      |      |                |
| 1576 | To provide transport, labour and                        | EACH | 4.25           |
|      | equipment to carry out conversion of                    |      |                |
|      | existing commercial gas appliance such                  |      |                |
|      | as rice cooker, griller, fryer, etc"                    |      |                |
| 1577 | Plugging off existing 50mm and below                    | JOB  | 59.50          |
|      | G.I. Pipes                                              |      |                |
| 1578 | Plugging off existing 80mm G.I. pipes                   | JOB  | 85.00          |
| 1579 | Plugging off existing 100mm and above                   | JOB  | 127.50         |
|      |                                                         |      |                |
|      | G.I. pipes                                              |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
| 1580 | To supply, install or replace Broen or   | EACH | 82.28          |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Boss range.  |      |                |
|      | Model 05317009 (Broen brand)             |      |                |
| 1581 | To supply, install or replace Broen or   | EACH | 111.27         |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Boss range.  |      |                |
|      | Model 05318009 (Broen brand)             |      |                |
| 1582 | To supply, install or replace Broen or   | EACH | 111.27         |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Boss range.  |      |                |
|      | Model 05319009 (Broen brand)             |      |                |
| 1583 | To supply, install or replace Broen or   | EACH | 172.98         |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Boss range.  |      |                |
|      | Model 05320009 (Broen brand)             |      |                |
| 1584 | To supply, install or replace Broen or   | EACH | 74.80          |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Standard     |      |                |
|      | Boss range. Model 08317009 (Broen brand) |      |                |
| 1585 | To supply, install or replace Broen or   | EACH | 96.31          |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Standard     |      |                |
|      | Boss range. Model 08318009 (Broen brand) |      |                |
| 1586 | To supply, install or replace Broen or   | EACH | 96.31          |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Standard     |      |                |
|      | Boss range. Model 08319009 (Broen brand) |      |                |
| 1587 | To supply, install or replace Broen or   | EACH | 154.28         |
|      | other equivalent approved brands gas     |      |                |
|      | taps with safety handles of Standard     |      |                |
|      | Boss range. Model 08320009 (Broen brand) |      |                |
| 1588 | To supply, install or replace Broen or   | EACH | 157.08         |
|      | other equivalent approved brands needle  |      |                |

| S/No | Description                                                                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | cone valve for gases, vacuum and compressed - Boss range. Model 15022009 (Broen brand)                                                  |      |                |
| 1589 | To supply, install or replace Broen or                                                                                                  | EACH | 260.87         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Boss range. Model 15025009 (Broen brand)          |      |                |
| 1590 | To supply, install or replace Broen or                                                                                                  | EACH | 260.87         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Boss range. Model 15021009 (Broen brand)          |      |                |
| 1591 | To supply, install or replace Broen or                                                                                                  | EACH | 474.98         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Boss range. Model 15011009 (Broen brand)          |      |                |
| 1592 | To supply, install or replace Broen or                                                                                                  | EACH | 264.61         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Boss range. Model 15004009 (Broen brand)          |      |                |
| 1593 | To supply, install or replace Broen or                                                                                                  | EACH | 137.45         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Boss range. Model 15065009 (Broen brand)          |      |                |
| 1594 | To supply, install or replace Broen or                                                                                                  | EACH | 118.75         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Standard Boss range. Model 18022009 (Broen brand) |      |                |
| 1595 | To supply, install or replace Broen or                                                                                                  | EACH | 203.83         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Standard Boss range. Model 18025009 (Broen brand) |      |                |

| S/No | Description                                                                                                                                                                                                                                                 | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1596 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 203.83         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Standard Boss range.Model 18021009 (Broen brand)                                                                                                                      |      |                |
| 1597 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 344.08         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Standard Boss range.Model 18011009 (Broen brand)                                                                                                                      |      |                |
| 1598 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 219.73         |
|      | other equivalent approved brands needle<br>cone valve for gases, vacuum and<br>compressed - Standard Boss range.Model<br>18004009 (Broen brand)                                                                                                             |      |                |
| 1599 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 107.53         |
|      | other equivalent approved brands needle cone valve for gases, vacuum and compressed - Standard Boss range. Model 18020009 c/w 19064009 lead-in (Breon brand) other equivalent approved brands front control valve. Boss range. Model 15006009 (Broen brand) |      |                |
| 1601 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 171.11         |
|      | other equivalent approved brands front<br>control valve. Boss range. Model<br>15240009 (Broen brand)                                                                                                                                                        |      |                |
| 1602 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 123.42         |
|      | other equivalent approved brands front<br>control valve. Boss range. Model<br>15288009 (Broen brand)                                                                                                                                                        |      |                |
| 1603 | To supply, install or replace Broen or                                                                                                                                                                                                                      | EACH | 187.00         |
|      | other equivalent approved brands front<br>control valve. Boss range. Model<br>15235009 (Broen brand)                                                                                                                                                        |      |                |

| S/No | Description                                                                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1604 | To supply, install or replace Broen or                                                                                                                                                                                                                                                                        | EACH | 116.88         |
|      | other equivalent approved brands front<br>control valve. Standard Boss range.<br>Model 18006009 (Broen brand)                                                                                                                                                                                                 |      |                |
| 1605 | PAINTING OF GAS PIPEWORK Supply paint                                                                                                                                                                                                                                                                         | MR   | 2.55           |
|      | and label (if necessary) gas pipework with evenly finished coats including appropriate base coat paint (primer) and two coats minimum for finishing paint of canary yellow to BS381C colour No. 356 or any other type/colour as approved and instructed by the Engineer for 50mm diameter gas pipe and below. |      |                |
| 1606 | PAINTING OF GAS PIPEWORK Supply paint                                                                                                                                                                                                                                                                         | MR   | 4.17           |
|      | and label (if necessary) gas pipework with evenly finished coats including appropriate base coat paint (primer) and two coats minimum for finishing paint of canary yellow to BS381C colour No. 356 or any other type/colour as approved and instructed by the Engineer for 80mm diameter gas pipe and above. |      |                |
| 1607 | Engage Licensed gas worker for plan                                                                                                                                                                                                                                                                           | JOB  | 127.50         |
|      | endorsement, submission and calculation.                                                                                                                                                                                                                                                                      |      |                |
| 1608 | To provide all labour, tools and                                                                                                                                                                                                                                                                              | EACH | 17.00          |
|      | equipments for the Repairs/Service of Water Meter, all types of sizes.                                                                                                                                                                                                                                        |      |                |
| 1609 | To supply, plumber or labour                                                                                                                                                                                                                                                                                  | HOUR | 17.00          |
|      | During Office Hours.                                                                                                                                                                                                                                                                                          |      |                |
| 1610 | To supply plumber or labour                                                                                                                                                                                                                                                                                   | HOUR | 34.00          |
|      | After Office Hours.                                                                                                                                                                                                                                                                                           |      |                |
| 1611 | To supply plumber or labour                                                                                                                                                                                                                                                                                   | HOUR | 59.50          |
|      | During Public Holiday, Sunday and Saturday -anytime.                                                                                                                                                                                                                                                          |      |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
| 1612 | To supply all necessary plant,                                            | JOB  | 153.00         |
|      |                                                                           |      |                |
|      | equipment, materials and labour to trace                                  |      |                |
|      | missing valve box/chamber/manhole with                                    |      |                |
|      | metal detector and subsequently raise/                                    |      |                |
|      | lower the single/double cast iron                                         |      |                |
|      | surface box cover or heavy duty cast                                      |      |                |
|      | iron manhole cover and frame to the                                       |      |                |
|      | direction and satisfaction of the                                         |      |                |
|      | University. Rate include                                                  |      |                |
|      | breaking up of premix and concrete                                        |      |                |
|      | around the surface box/manhole cover                                      |      |                |
|      | before raising lowering and road                                          |      |                |
|      | reinforcement with premix after raising                                   |      |                |
|      | /lowering.Work shall be carried out                                       |      |                |
|      | continuously until completed.                                             |      |                |
| 1613 | To supply all labour and transport to                                     | EACH | 0.85           |
|      | corruption Audit on Water Ten Flourete                                    |      |                |
|      | carry out Audit on Water Tap Flowrate                                     |      |                |
|      | in accordance to PUB guidline.                                            |      |                |
| 1614 | To supply all labour, material, tools                                     | EACH | 0.43           |
|      | To supply an account material, tools                                      |      | 0.43           |
|      | and transport to fix or replace Timble                                    |      |                |
|      | for water tap.                                                            |      |                |
|      | ·                                                                         |      |                |
| 1615 | To supply, install or replace water                                       | EACH | 97.75          |
|      |                                                                           |      |                |
|      | meter approved by PUB - 13 mm                                             |      |                |
|      |                                                                           |      |                |
| 1616 | To supply, install or replace water                                       | EACH | 136.00         |
|      |                                                                           |      |                |
|      | meter approved by PUB - 20 mm                                             |      |                |
|      |                                                                           |      |                |
| 1617 | To supply, install or replace water                                       | EACH | 161.50         |
|      |                                                                           |      |                |
|      | meter approved by PUB - 25 mm                                             |      |                |
|      |                                                                           |      |                |
| 1618 | To supply, install or replace water                                       | EACH | 504.90         |
|      |                                                                           |      |                |
|      | meter approved by PUB - 50 mm                                             |      |                |
| 1610 |                                                                           | FACU | 702.00         |
| 1619 | To supply, install or replace water                                       | EACH | 703.80         |
|      | market a supervised by DUD. 75 mark                                       |      |                |
|      | meter approved by PUB - 75 mm                                             |      |                |
| 1620 | To average install on realess 12 mars                                     | NAD. | F F2           |
| 1620 | To supply, install or replace 13mm                                        | MR   | 5.53           |
|      | diameter Calvaniced Steel nine to SS 17                                   |      |                |
|      | diameter Galvanised Steel pipe to SS 17 with PUB approved internal lining |      |                |
|      | including hacking of hole through walls                                   |      |                |
| l    | Including nacking of note through walls                                   | l    | I              |

| S/No | Description                                                                                                                                                                                             | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | or slabs, cutting off existing and disposed off site. (all pipe fittings and trench excavation measured separately)                                                                                     |      |                |
| 1621 | To supply, install or replace 6mm to                                                                                                                                                                    | MR   | 5.87           |
|      | 10mm diameter Stainless Steel pipes to BS 4127 fixed to walls or ceiling including holderbats or laid in chase concrete or in trench (All Pipe Fittings and Trench excavation measured separately)      |      |                |
| 1622 | To supply, install or replace 12mm                                                                                                                                                                      | MR   | 6.38           |
|      | diameter Stainless Steel pipes to BS 4127 fixed to walls or ceiling including holderbats, brackets or laid in chase concrete or in trench (All Pipe Fittings and Trench excavation measured separately) |      |                |
| 1623 | To supply, install or replace 15mm                                                                                                                                                                      | MR   | 7.14           |
|      | diameter Stainless Steel pipes to BS 4127 fixed to walls or ceiling including holderbats, brackets or laid in chase concrete or in trench (All Pipe Fittings and Trench excavation measured separately) |      |                |
| 1624 | To supply, install or replace 22mm                                                                                                                                                                      | MR   | 9.95           |
|      | diameter Stainless Steel pipes to BS 4127 fixed to walls or ceiling including holderbats, bracket or laid in chase concrete or in trench (All Pipe Fittings and Trench excavation measured separately)  |      |                |
| 1625 | To supply, install or replace 28mm                                                                                                                                                                      | MR   | 12.37          |
|      | diameter Stainless Steel pipes to BS 4127 fixed to walls or ceiling including holderbats,brackets or laid in chase concrete or in trench (All Pipe Fittings and Trench excavation measured separately)  |      |                |
| 1626 | To supply, install or replace 35mm                                                                                                                                                                      | MR   | 16.66          |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | diameter Stainless Steel pipes to BS     |      |                |
|      | 4127 fixed to walls or ceiling including |      |                |
|      | holderbats,brackets or laid in chase     |      |                |
|      | concrete or in trench (All Pipe Fittings |      |                |
|      | and Trench excavation measured           |      |                |
|      | separately)                              |      |                |
| 1627 | To supply, install or replace            | MR   | 29.92          |
|      | 50mm to 54mm diameter Stainless Steel    |      |                |
|      | pipes to BS 4127 fixed to walls or       |      |                |
|      | ceiling including holderbats, brackets   |      |                |
|      | or laid in chase concrete or in trench   |      |                |
|      | (All Pipe Fittings and Trench excavation |      |                |
|      | measured separately)                     |      |                |
| 1628 | To supply, install or replace approved   | EACH | 2 22           |
| 1028 | To supply, install of replace approved   | EACH | 3.23           |
|      | 15mm x 15mm x 15mm diameter Tee          |      |                |
|      | Compression fitting to BS 864 for        |      |                |
|      | Stainless Steel pipes                    |      |                |
| 1629 | To supply, install or replace approved   | EACH | 4.00           |
|      | 15mm x 22mm x 15mm diameter Tee          |      |                |
|      | Compression fitting to BS 864 for        |      |                |
|      | Stainless Steel pipes.                   |      |                |
|      | - Statistical Cook, pripasi              |      |                |
| 1630 | To supply, install or replace approved   | EACH | 4.00           |
|      | 22mm x 15mm x 22mm diameter Tee          |      |                |
|      | Compression fitting to BS 864 for        |      |                |
|      | Stainless Steel pipes                    |      |                |
| 1631 | To supply, install or replace approved   | EACH | 4.85           |
|      | 22mm x 22mm x 22mm diameter Tee          |      |                |
|      | Compression fitting to BS 864 for        |      |                |
|      | Stainless Steel pipes                    |      |                |
|      |                                          |      |                |
| 1632 | To supply, install or replace approved   | EACH | 8.25           |
|      | 28mm x 15mm x 28mm diameter Tee          |      |                |
|      | Compression fitting to BS 864 for        |      |                |
|      | Stainless Steel pipes                    |      |                |
| 1633 | To supply, install or replace approved   | EACH | 8.25           |
|      | 28mm x 22mm x 28mm diameter Tee          |      |                |
|      | Compression fitting to BS 864 for        |      |                |
|      | Stainless Steel pipes                    |      |                |
|      | Material No: 8700005170                  |      |                |
| I    | Material 143. 0700003170                 |      | ı l            |

| S/No | Description                                                                                                                                         | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | Old Material No: CA5170                                                                                                                             |      |                |
| 1634 | To supply, install or replace approved                                                                                                              | EACH | 6.21           |
|      | 28mm x 28mm x 28mm diameter Tee<br>Compression fitting to BS 864 for<br>Stainless Steel pipes                                                       |      |                |
| 1635 | To supply, install or replace approved                                                                                                              | EACH | 10.29          |
|      | 28mm x 35mm x 28mm diameter Tee<br>Compression fitting to BS 864 for<br>Stainless Steel pipes                                                       |      |                |
| 1636 | Supply and fix or replace approved 35mm                                                                                                             | EACH | 10.97          |
|      | 15mm x 35mm diameter Tee Compression fitting to BS 864 for Stainless Steel pipes                                                                    |      |                |
| 1637 | To supply, install or replace approved                                                                                                              | EACH | 15.81          |
|      | 42mm x 22mm x 42mm diameter Tee<br>Compression fitting to BS 864 for<br>Stainless Steel pipes                                                       |      |                |
| 1638 | To supply, install or replace approved                                                                                                              | EACH | 15.81          |
|      | 42mm x 28mm x 42mm diameter Tee<br>Compression fitting to BS 864 for<br>Stainless Steel pipes                                                       |      |                |
| 1639 | To supply, install or replace approved                                                                                                              | EACH | 15.05          |
|      | 42mm x 42mm x 42mm diameter Tee Compression fitting to BS 864 for Stainless Steel pipes Material No: 8700005176 Old Material No: CA5176             |      |                |
| 1640 | To supply, install or replace approved                                                                                                              | EACH | 22.44          |
|      | 54mm x 28mm x 54mm diameter Tee<br>Compression fitting to BS 864 for<br>Stainless Steel pipes<br>Material No: 8700005177<br>Old Material No: CA5177 |      |                |
| 1641 | To supply, install or replace approved                                                                                                              | EACH | 22.87          |
|      | 54mm x 35mm x 54mm diameter Tee<br>Compression fitting to BS 864 for                                                                                |      |                |

| S/No | Description                            | Unit | Unit Cost (\$) |
|------|----------------------------------------|------|----------------|
|      | Stainless Steel pipes.                 |      |                |
| 1642 | To supply, install or replace approved | EACH | 24.31          |
|      | 54mm x 42mm x 54mm diameter Tee        |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1643 | To supply, install or replace approved | EACH | 24.31          |
|      | 54mm x 54mm x 54mm diameter Tee        |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1644 | To supply, install or replace approved | EACH | 3.57           |
|      | 22mm x 15mm diameter Reducing Elbow    |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1645 | To supply, install or replace approved | EACH | 4.76           |
|      | 28mm x 15mm diameter Reducing Elbow    |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1646 | To supply, install or replace approved | EACH | 5.10           |
|      | 28mm x 22mm diameter Reducing Elbow    |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1647 | To supply, install or replace approved | EACH | 8.59           |
|      | 35mm x 15mm diameter Reducing Elbow    |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1648 | To supply, install or replace approved | EACH | 8.59           |
|      | 35mm x 22mm diameter Reducing Elbow    |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1649 | To supply, install or replace approved | EACH | 9.78           |
|      | 35mm x 28mm diameter Reducing Elbow    |      |                |
|      | Compression fitting to BS 864 for      |      |                |
|      | Stainless Steel pipes                  |      |                |
| 1650 | To supply, install or replace approved | EACH | 13.69          |
|      |                                        |      | 15.05          |

| S/No | Description                                                                 | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------|------|----------------|
|      | 42mm x 28mm diameter Reducing Elbow                                         |      |                |
|      | Compression fitting to BS 864 for<br>Stainless Steel pipes                  |      |                |
|      | Stailliess Steel pipes                                                      |      |                |
| 1651 | To supply, install or replace approved                                      | EACH | 18.62          |
|      | 54mm x 15mm diameter Reducing Elbow                                         |      |                |
|      | Compression fitting to BS 864 for                                           |      |                |
|      | Stainless Steel pipes.                                                      |      |                |
| 1652 | To supply, install or replace approved                                      | EACH | 20.06          |
|      | 54mm x 28mm diameter Reducing Elbow                                         |      |                |
|      | Compression fitting to BS 864 for                                           |      |                |
|      | Stainless Steel pipes                                                       |      |                |
| 1653 | To supply, install or replace approved                                      | EACH | 22.61          |
|      | 54mm x 35mm diameter Reducing Elbow                                         |      |                |
|      | Compression fitting to BS 864 for                                           |      |                |
|      | Stainless Steel pipes                                                       |      |                |
| 1654 | To supply, install or replace approved                                      | EACH | 23.29          |
|      | 54mm x 42mm diameter Reducing Elbow                                         |      |                |
|      | Compression fitting to BS 864 for                                           |      |                |
|      | Stainless Steel pipes                                                       |      |                |
| 1655 | To supply, install or replace 13mm                                          | EACH | 1.02           |
|      | Urinal Holderbats.                                                          |      |                |
| 1656 | To supply, install or replace 22mm                                          | EACH | 1.28           |
|      | Urinal Holderbats.                                                          |      |                |
| 1657 | To supply, install or replace 28mm                                          | EACH | 1.53           |
|      | Urinal Holderbats.                                                          |      |                |
| 1658 | To supply, install or replace 35mm                                          | EACH | 2.81           |
|      | Urinal Holderbats.                                                          |      |                |
| 1659 | To supply, install or replace 42mm                                          | EACH | 4.25           |
|      | Urinal Holderbats.                                                          |      |                |
| 1660 | To supply, install or replace approved                                      | EACH | 641.75         |
|      | 18/8 stainless steel urinal 1060mm high X 320mm wide in one piece assembly, |      |                |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | complete with end return, channel, 80mm  |      |                |
|      | diameter domical outlet fitting,         |      |                |
|      | stainless steel flush pipe concealed)    |      |                |
|      | and spreader nozzle, etc including all   |      |                |
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 600mm long single stall type.            |      |                |
| 1661 | To supply, install or replace approved   | EACH | 887.57         |
|      | 18/8 stainless steel urinal 1060 mm high |      |                |
|      | X 320mm wide in one piece assembly,      |      |                |
|      | complete with end return, channel, 80mm  |      |                |
|      | diameter domical outlet fitting          |      |                |
|      | stainless steel flush pipe (concealed)   |      |                |
|      | and spreader nozzle, etc including all   |      |                |
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 1200mm long slab type.                   |      |                |
| 1662 | To supply, install or replace approved   | EACH | 1,071.55       |
|      | 18/8 stainless steel urinal 1060 mm high |      |                |
|      | X 320mm wide in one piece assembly,      |      |                |
|      | complete with end return, channel, 80 mm |      |                |
|      | diameter domical outlet fitting,         |      |                |
|      | stainless steel flush pipe (concealed)   |      |                |
|      | and spreader nozzle, etc including all   |      |                |
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 1800mm long slab type.                   |      |                |
| 1663 | To supply, install or replace approved   | EACH | 1,347.29       |
|      | 18/8 stain less steel urinal 1060mm high |      |                |
|      | X 320mm wide in one piece assembly,      |      |                |
|      | complete with end return, channel, 80mm  |      |                |
|      | diameter domical outlet fitting,         |      |                |
|      | stainless steel flush pipe (concealed)   |      |                |
|      | and spreader nozzle, etc including all   |      |                |
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 2400mm long slab type.                   |      |                |
| 1664 | To supply, install or replace approved   | EACH | 1,613.47       |
|      | 18/8 stainless steel urinal 1060mm high  |      |                |
|      | X 320mm wide in one piece assembly,      |      |                |
|      | complete with end return, channel, 80mm  |      |                |
|      | diameter domical outlet fitting,         |      |                |
|      | stainless steel flush pipe (concealed)   |      |                |
|      | and spreader nozzle, etc including all   |      |                |
| 1    |                                          |      | ı l            |

| S/No | Description                              | Unit | Unit Cost (\$) |
|------|------------------------------------------|------|----------------|
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 3000mm long slab type.                   |      |                |
| 1665 | To supply, install or replace approved   | EACH | 1,913.86       |
|      | 18/8 stainless steel urinal 1060mm high  |      |                |
|      | X 320mm wide in one piece assembly,      |      |                |
|      | complete with end return, channel, 80mm  |      |                |
|      | diameter domical outlet fitting,         |      |                |
|      | stainless steel flush pipe (concealed)   |      |                |
|      | and spreader nozzle, etc including all   |      |                |
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 3600mm long slab type.                   |      |                |
| 1666 | To supply, install or replace approved   | EACH | 2,178.65       |
|      | 18/8 stainless steel urinal 1060mm high  |      |                |
|      | X 320mm wide in one piece assembly,      |      |                |
|      | complete with end return, channel, 80mm  |      |                |
|      | diameter domical outlet fitting,         |      |                |
|      | stainless steel flush pipe (concealed)   |      |                |
|      | and spreader nozzle, etc including all   |      |                |
|      | necessary connections and adjustments    |      |                |
|      | (Flushing cistern measured separately)   |      |                |
|      | 4200mm long slab type.                   |      |                |
| 1667 | To supply, install or replace approved   | EACH | 285.35         |
|      | white glazed vitreous china single wall  |      |                |
|      | hung bowl urinal complete with wall      |      |                |
|      | hanger, stainless steel flush pipe with  |      |                |
|      | spreader and clips, stainless steel dome |      |                |
|      | outlet grating, 30mm diameter with       |      |                |
|      | plastic tail, supporting brackets, 30mm  |      |                |
|      | chromium plated trap and including one   |      |                |
|      | division wall (Cistern and extra piping  |      |                |
|      | measured separately).                    |      |                |
| 1668 | To supply, install or replace            | EACH | 29.87          |
|      | 450mm x 400mm x 6mm thick first quality  |      |                |
|      | plate glass mirror with or without       |      |                |
|      | bevelled edges plugged to wall with      |      |                |
|      | chromium plated mirror screws. Mirror    |      |                |
|      | c/w 6mm thick plywood with 1mm thick     |      |                |
|      | formica backing, mirror with water       |      |                |
|      | tighted framing (to prevent entering of  |      |                |
|      | water) come with 2 years warranty for    |      |                |
|      | mirror against any corrossion according  |      |                |
|      | to standard EN 1036 including            |      |                |

| S/No | Description                                                                    | Unit           | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|----------------|----------------|
|      | dismantling existing and remove off site                                       |                |                |
|      | and making good work disturbed.                                                |                |                |
| 1669 | To supply, install or replace 6mm thick                                        | M2             | 110.50         |
|      | first quality plate glass mirror c/w                                           |                |                |
|      | aluminium frame, 6mm thick plywood with                                        |                |                |
|      | 1mm thick formica backing, mirrow with                                         |                |                |
|      | water tighted framing (to prevent                                              |                |                |
|      | entering of water) including dismantling                                       |                |                |
|      | existing and remove off site and making                                        |                |                |
|      | good work disturbed. Come with 1 year                                          |                |                |
|      | warranty for mirror against any                                                |                |                |
|      | corrossion according to standard EN 1036                                       |                |                |
| 1670 | To supply, install or replace                                                  | EACH           | 29.50          |
|      | 450mm x 400mm x 6mm thick first quality                                        |                |                |
|      | plate glass mirror with or without                                             |                |                |
|      | bevelled edges on chromium plated                                              |                |                |
|      | adjustable brackets plugged and screwed                                        |                |                |
|      | to wall with chromium plated screws.                                           |                |                |
| 1671 | To supply, install or replace                                                  | м2             | 182.87         |
|      | any size 6mm thick first quality                                               |                |                |
|      | plate glass mirror with or without                                             |                |                |
|      | bevelled edges on chromium plated                                              |                |                |
|      | adjustable brackets plugged and screwed                                        |                |                |
|      | to wall with chromium plated screws.                                           |                |                |
| 1672 | To supply, install or replace                                                  | EACH           | 65.96          |
|      | 450mm x 600mm high approved luxury                                             |                |                |
|      | quality copper back mirror with                                                |                |                |
|      | moisture-proof anodised aluminium frame                                        |                |                |
|      | including plugging and screwing frame to                                       |                |                |
|      | wall with chromium plated brass dome-                                          |                |                |
|      | head screws and flet washers. Mirror c/w                                       |                |                |
|      | 6mm thick plywood with 1mm thick formica                                       |                |                |
|      | backing, mirror with water tighted                                             |                |                |
|      | framing (to prevent entering of water)                                         |                |                |
|      | come with 1 year warranty for mirror                                           |                |                |
|      | against any corrosion according to                                             |                |                |
|      | standard EN 1036 including dismantling existing and remove off site and making |                |                |
|      | good worked disturbed.                                                         |                |                |
| 1673 | To supply, install or replace                                                  | <sub>M</sub> 2 | 188.49         |
|      | any size approved luxury quality copper                                        |                |                |
|      | back mirror with moisture proof anodised                                       |                |                |
| l    | 2008 millor with molecule proof unouised                                       | I              | I .            |

| S/No | Description                                                                             | Unit  | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------|-------|----------------|
|      | aluminium frame including plugging and                                                  |       |                |
|      | screwing frame to wall with chromium                                                    |       |                |
|      | plated brass dome-head screws and flet washers. Mirrow c/w 6mm thick plywood            |       |                |
|      | with 1mm thick formica backing, mirror                                                  |       |                |
|      | with water tighted framing (to prevent                                                  |       |                |
|      | entering of water) come with 1 year                                                     |       |                |
|      | warranty for mirror against any                                                         |       |                |
|      | corrosion according to standard EN 1036                                                 |       |                |
|      | including dismantling existing and                                                      |       |                |
|      | remove off site and making good work                                                    |       |                |
|      | disturbed.                                                                              |       |                |
| 1674 | To supply, install or replace                                                           | MR    | 4.59           |
|      | "U" shaped aluminium frame to mirror.                                                   |       |                |
| 1675 | To supply, install or replace 490mm                                                     | EACH  | 212.50         |
|      | diameter acrylic convex mirror to wall                                                  |       |                |
|      | (thickness of mirror plate : 2mm)                                                       |       |                |
|      |                                                                                         |       |                |
| 1676 | To supply, install or replace 600mm                                                     | EACH  | 261.80         |
|      | diameter acrylic convex mirror to wall                                                  |       |                |
|      | (thickness of mirror plate : 2mm)                                                       |       |                |
|      | ,                                                                                       |       |                |
| 1677 | To supply, install or replace 830mm                                                     | EACH  | 492.15         |
|      | diamatan amilia aanusu matuusu ta uusii                                                 |       |                |
|      | diameter acrylic convex mirror to wall (thickness of mirror plate : 2mm)                |       |                |
|      | (thickness of mirror place : zmm)                                                       |       |                |
| 1678 | To supply, install or replace                                                           | EACH  | 13.05          |
|      |                                                                                         |       |                |
|      | Red Faucet Complete Set) for boiling                                                    |       |                |
|      | water dispenser.                                                                        |       |                |
| 1679 | To supply, install or replace 13mm                                                      | EACH  | 9.86           |
| 10/3 | To supply, install of replace 15hilli                                                   | LACIT | 9.80           |
|      | chromium plated pillar tap for basin or                                                 |       |                |
|      | long bath including connections.                                                        |       |                |
|      |                                                                                         |       |                |
| 1680 | To supply, install or replace 20mm                                                      | EACH  | 11.73          |
|      | chromium plated pillar tap for basin or                                                 |       |                |
|      | long bath including connections.                                                        |       |                |
|      |                                                                                         |       |                |
| 1681 | To supply, install or replace 13mm                                                      | EACH  | 19.30          |
|      | stanta elle suo antian elle a Music Efficient de la Company                             |       |                |
|      | single elbow action pillar Water Efficient tap including connections for basin or sink. |       |                |
|      | CONTRECTIONS FOR DASIN OF SINK.                                                         |       |                |
| I    | ı                                                                                       | I     | ı l            |

| S/No | Description                                                                                                                | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1682 | To supply, install or replace 20mm                                                                                         | EACH | 20.32          |
|      | single elbow action pillar Water Efficient tap including connections for basin or sink.                                    |      |                |
| 1683 | To supply, install or replace 13mm                                                                                         | EACH | 65.11          |
|      | chromium plated hot and cold basin mixer tap complete with pop-up waste and including connection.                          |      |                |
| 1684 | To supply, install or replace 13mm                                                                                         | EACH | 56.27          |
|      | chromium plated hot and cold piller of wall type tap with adjustable spout for stainless steel sink including connections. |      |                |
| 1685 | To supply, install or replace 20mm                                                                                         | EACH | 69.11          |
|      | chromium plated hot and cold long bath mixer tap complete with adjustable leg and including connection.                    |      |                |
| 1686 | To supply, install or replace 13mm                                                                                         | EACH | 15.64          |
|      | chromium plated single swan neck Water Efficient tap for stainless steel sink.                                             |      |                |
| 1687 | To supply, install or replace 13mm                                                                                         | EACH | 61.03          |
|      | chromium plated combined supply fitting with elbow action levers, anti-splash nozzle and extended inlets.                  |      |                |
| 1688 | To supply, install or replace 13mm                                                                                         | EACH | 182.75         |
|      | three way laboratory fitting (oxidised) with swanneck, anti-splash nozzle and desk flange.                                 |      |                |
| 1689 | To supply, install or replace 13mm                                                                                         | EACH | 77.61          |
|      | One Way Laboratory fitting (oxidised) with swanneck, anti-splash nozzle and desk flange.                                   |      |                |
| 1690 | To supply, install or replace 13mm                                                                                         | EACH | 33.07          |
|      | single swanneck fitting for kitchen sink.                                                                                  |      |                |

| S/No | Description                                                                                                                                                                                                                      | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1691 | To supply, install or replace                                                                                                                                                                                                    | EACH | 86.45          |
|      | economy spray mixing taps with control knob or lever.                                                                                                                                                                            |      |                |
| 1692 | To supply, install or replace                                                                                                                                                                                                    | EACH | 67.41          |
|      | approved delayed action Water Efficient tap for basin or bath.                                                                                                                                                                   |      |                |
| 1693 | Hack out existing pointing at Joints/                                                                                                                                                                                            | JOB  | 2.40           |
|      | Gaps between sink and wall and replace white cement.                                                                                                                                                                             |      |                |
| 1694 | To supply, install or replace                                                                                                                                                                                                    | EACH | 37.32          |
|      | rectangular cast iron heavy duty manhole/inspection chamber cover and frame to SS 30, 1981 weighing approximately 50-53 kg (total weight) including bedding frame in cement and sand (1:3) and sealing cover in grease and sand. |      |                |
| 1695 | Supply and fix or replace 20 mm / 25 mm                                                                                                                                                                                          | EACH | 17.00          |
|      | controllable discharge nozzle including removing existing nozzle.                                                                                                                                                                |      |                |
| 1696 | Supply and fix or replace galvanised                                                                                                                                                                                             | EACH | 212.50         |
|      | sheet hosereel cabinet with red epoxy coating completed with visual glass, break-glass key holder, aluminium handle, hinges, appropriate notice (according to BS 5499 : Part 1), and lock keys.                                  |      |                |
| 1697 | Supply and fix or replace canvas valve                                                                                                                                                                                           | EACH | 21.25          |
|      | strap complete with padlock and keys.                                                                                                                                                                                            |      |                |
| 1698 | Supply and fix or replace valve handle                                                                                                                                                                                           | EACH | 29.75          |
|      | wheel (size from 2" to 3")                                                                                                                                                                                                       |      |                |
| 1699 | Supply and fix or replace rubber                                                                                                                                                                                                 | EACH | 246.50         |
|      | expansion joint diameter 4"                                                                                                                                                                                                      |      |                |

| S/No | Description                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------|------|----------------|
| 1700 | Supply and fix or replace rubber                                          | EACH | 212.50         |
|      | expansion joint diameter 3"                                               |      |                |
| 1701 | Supply and fix or replace rubber                                          | EACH | 170.00         |
|      | expansion joint diameter 2"                                               |      |                |
| 1702 | Supply and fix or replace perspex                                         | EACH | 102.00         |
|      | signages of A3 size                                                       |      |                |
| 1703 | Supply and fix or replace plastic                                         | EACH | 42.50          |
|      | transparent for water tank level indicating gauge of any level and sizes. |      |                |
| 1704 | Polypropylene cold water supply pipe                                      | MR   | 7.65           |
|      | inclusive of pipe fittings of size diameter 20mm x 2.3mm                  |      |                |
| 1705 | Polypropylene cold water supply pipe                                      | MR   | 11.05          |
|      | inclusive of pipe fittings of size diameter 25mm x 2.3mm                  |      |                |
| 1706 | Polypropylene cold water supply pipe                                      | MR   | 14.45          |
|      | inclusive of pipe fittings of size diameter 32mm x 2.9mm                  |      |                |
| 1707 | Polypropylene cold water supply pipe                                      | MR   | 15.30          |
|      | inclusive of pipe fittings of size diameter 40mm x 3.7mm                  |      |                |
| 1708 | Polypropylene cold water supply pipe                                      | MR   | 17.00          |
|      | inclusive of pipe fittings of size diameter 50mm x 4.6mm                  |      |                |
| 1709 | Polypropylene cold water supply pipe                                      | MR   | 18.70          |
|      | inclusive of pipe fittings of size diameter 63mm x 5.8mm                  |      |                |
| 1710 | Polypropylene cold water supply pipe                                      | MR   | 23.80          |
|      | inlcusive of pipe fittings of size diameter 75mm x 6.6mm                  |      |                |

| S/No | Description                                                  | Unit  | Unit Cost (\$) |
|------|--------------------------------------------------------------|-------|----------------|
| 1711 | Polypropylene cold water supply pipe                         | MR    | 27.20          |
|      |                                                              |       |                |
|      | inclusive of pipe fittings of size diameter 90mm x 8.2mm     |       |                |
|      |                                                              |       |                |
| 1712 | Polypropylene cold water supply pipe                         | MR    | 29.75          |
|      |                                                              |       |                |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 110mm x 10.0mm                                      |       |                |
| 1713 | Polypropylene cold water supply pipe                         | MR    | 11.90          |
|      |                                                              |       |                |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 20mm x 3.4mm                                        |       |                |
| 1714 | Polypropylene cold water supply pipe                         | MR    | 13.60          |
| 2,1, | Totypropyrene cold nate: Sapply pipe                         |       | 13.00          |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 25mm x 4.2mm                                        |       |                |
| 1715 | Polypropylene cold water supply pipe                         | MR    | 15.30          |
| 1/13 | Totypropylene cold water supply pipe                         | IVIIX | 15.50          |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 32mm x 5.4mm                                        |       |                |
| 1716 | Delivere delle content supply die e                          | NAD   | 16.15          |
| 1716 | Polypropylene cold water supply pipe                         | MR    | 16.15          |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 40mm x 6.7mm                                        |       |                |
|      |                                                              |       |                |
| 1717 | Polypropylene cold water supply pipe                         | MR    | 17.00          |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 50mm x 8.3mm                                        |       |                |
|      |                                                              |       |                |
| 1718 | Polypropylene cold water supply pipe                         | MR    | 20.40          |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 63mm x 10.5mm                                       |       |                |
|      |                                                              |       |                |
| 1719 | Polypropylene cold water supply pipe                         | MR    | 25.50          |
|      | inclusive of pipe fittings of size                           |       |                |
|      | diameter 75mm x 12.5mm                                       |       |                |
|      |                                                              |       |                |
| 1720 | Polypropylene cold water supply pipe                         | MR    | 27.20          |
|      | inclusive of nine fittings of size                           |       |                |
|      | inclusive of pipe fittings of size<br>diameter 90mm x 15.0mm |       |                |
|      | Material No: 8700012181                                      |       |                |
|      | Old Material No: CB2181I                                     |       |                |
|      |                                                              |       |                |

| S/No | Description                                                    | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------|------|----------------|
| 1721 | Polypropylene cold water supply pipe                           | MR   | 29.75          |
|      | inclusive of pipe fittings of size<br>diameter 110mm x 18.3mm  |      |                |
| 1722 | Polypropylene cold water supply valve of                       | EACH | 15.30          |
|      | size diameter 20mm                                             |      |                |
| 1723 | Polypropylene cold water supply valve of                       | EACH | 18.70          |
|      | size diameter 25mm                                             |      |                |
| 1724 | Polypropylene cold water supply valve of                       | EACH | 29.75          |
|      | size diameter 32mm                                             |      |                |
| 1725 | Repair Polypropylene cold water supply                         | JOB  | 42.50          |
|      | pipe or fittings leaking of any size.                          |      |                |
| 1726 | Supply and fix stainless sink stopper                          | EACH | 15.30          |
|      | (brass / chrome plated)                                        |      |                |
| 1727 | To supply, install or replace 15mm                             | EACH | 6.12           |
|      | diameter press fitting such as elbow, tee, coupling & reducer. |      |                |
| 1728 | To supply, install or replace 22mm                             | EACH | 7.99           |
|      | diameter press fitting such as elbow, tee, coupling & reducer. |      |                |
| 1729 | To supply, install or replace 28mm                             | EACH | 12.41          |
|      | diameter press fitting such as elbow, tee, coupling & reducer. |      |                |
| 1730 | To supply, install or replace 35mm                             | EACH | 20.19          |
|      | diameter press fitting such as elbow, tee, coupling & reducer. |      |                |
| 1731 | To supply, install or replace 42mm                             | EACH | 25.93          |
|      | diameter press fitting such as elbow, tee, coupling & reducer. |      |                |
| 1732 | To supply, install or replace 54mm                             | EACH | 37.61          |

| S/No | Description                                    | Unit  | Unit Cost (\$) |
|------|------------------------------------------------|-------|----------------|
|      | diameter press fitting such as elbow,          |       |                |
|      | tee, coupling & reducer.                       |       |                |
| 1733 | To supply, install or replace 15mm             | EACH  | 8.67           |
|      |                                                |       |                |
|      | diameter press fitting male or female adaptor. |       |                |
|      | adaptor.                                       |       |                |
| 1734 | To supply, install or replace 22mm             | EACH  | 12.92          |
|      | diameter press fitting male or female          |       |                |
|      | adaptor.                                       |       |                |
|      |                                                |       |                |
| 1735 | To supply, install or replace 28mm             | EACH  | 18.87          |
|      | diameter press fitting male or female          |       |                |
|      | adaptor.                                       |       |                |
|      |                                                |       |                |
| 1736 | To supply, install or replace 35mm             | EACH  | 38.89          |
|      | diameter press fitting male or female          |       |                |
|      | adaptor.                                       |       |                |
| 1737 | To supply, install or replace 42mm             | EACH  | 48.88          |
| 1/3/ | To supply, ilistan of replace 42min            | LACIT | 40.00          |
|      | diameter press fitting male or female          |       |                |
|      | adaptor.                                       |       |                |
| 1738 | To supply, install or replace 54mm             | EACH  | 65.45          |
|      |                                                |       |                |
|      | diameter press fitting male or female adaptor. |       |                |
|      | adaptor.                                       |       |                |
| 1739 | To supply, install or replace 15mm             | EACH  | 17.00          |
|      | diameter drop car olbow with female            |       |                |
|      | diameter drop ear elbow with female thread     |       |                |
|      |                                                |       |                |
| 1740 | To supply, install or replace 20mm             | EACH  | 25.50          |
|      | diameter drop ear elbow with female            |       |                |
|      | thread                                         |       |                |
| 1741 | To overally install an earling 22 mass         | FACIL | 440.75         |
| 1741 | To supply, install or replace 32mm             | EACH  | 148.75         |
|      | diameter bronze flang for water tank           |       |                |
| 1743 | To supply install an replace 40 per            | FACU  | 470.00         |
| 1742 | To supply, install or replace 40mm             | EACH  | 170.00         |
|      | diameter bronze flang for water tank.          |       |                |
|      |                                                |       |                |

| S/No | Description                                                                                        | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------|------|----------------|
| 1743 | To supply, install or replace 50mm                                                                 | EACH | 191.25         |
|      | diameter bronze flang for water tank                                                               |      |                |
| 1744 | To, supply, install or replace 65mm                                                                | EACH | 243.95         |
|      | diameter bronze flang for water tank                                                               |      |                |
| 1745 | To supply, install or replace 80mm                                                                 | EACH | 276.25         |
|      | diameter bronze flang for water tank.                                                              |      |                |
| 1746 | To supply, install or replace 100mm                                                                | EACH | 328.95         |
|      | diameter bronze flang for water tank                                                               |      |                |
| 1747 | To supply, install or replace 150mm                                                                | EACH | 854.25         |
|      | diameter bronze flang for water tank.                                                              |      |                |
| 1748 | To supply, install or replace 32mm                                                                 | EACH | 645.15         |
|      | diameter pressure balanced type float valve including taking down existing and disposed off site.  |      |                |
| 1749 | To supply, install or replace 40mm                                                                 | EACH | 729.30         |
|      | diameter pressure balanced type float valve including taking down existing and disposed off site.  |      |                |
| 1750 | To supply, install or replace 50mm                                                                 | EACH | 1,122.00       |
|      | diameter pressure balanced type floate valve including taking down existing and disposed off site. |      |                |
| 1751 | To supply, install or replace 65mm                                                                 | EACH | 1,458.60       |
|      | diameter pressure balanced type float valve including taking down existing and disposed off site.  |      |                |
| 1752 | To supply, install or replace 80mm                                                                 | EACH | 1,870.00       |
|      | diameter pressure balanced type float valve including taking down existing and disposed off site.  |      |                |
| 1753 | To supply, install or replace 100mm                                                                | EACH | 2,380.00       |

| S/No | Description                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------|------|----------------|
|      | diameter pressure balanced type float valve including taking down existing and |      |                |
|      | disposed off site.                                                             |      |                |
| 1754 | To supply, install or replace 150mm                                            | EACH | 3,876.00       |
|      | diameter pressure balanced type float                                          |      |                |
|      | valce including taking down existing and disposed off site.                    |      |                |
| 1755 | To supply, install or replace 80mm                                             | EACH | 3,910.00       |
|      | diameter pilot operated float valve                                            |      |                |
|      | flange end including taking down existing and disposed off site.               |      |                |
| 1756 | To supply, install or replace 100mm                                            | EACH | 4,607.00       |
|      | diameter pilot operated float valve                                            |      |                |
|      | flange end including taking down existing and disposed off site.               |      |                |
| 1757 | To supply, install or replace 150mm                                            | EACH | 5,525.00       |
|      | diameter pilot operated float valve                                            |      |                |
|      | flange end including taking down existing and disposed off site.               |      |                |
|      |                                                                                |      |                |
| 1758 | To supply, install or replace 20mm                                             | EACH | 935.00         |
|      | diameter screw end constant head pilot                                         |      |                |
|      | operated float valve including taking down existing and disposed off site.     |      |                |
| 1759 | To supply, install or replace 25mm                                             | EACH | 1,011.50       |
|      | diameter screw end constant head pilot                                         |      |                |
|      | operated float valve including taking down existing and disposed off site.     |      |                |
| 1760 | To supply, install or replace 32mm                                             | EACH | 1 000 50       |
| 1760 |                                                                                | EACH | 1,096.50       |
|      | diameter screw end constant head pilot operated float valve including taking   |      |                |
|      | down existing and disposed off site.                                           |      |                |
| 1761 | To supply, install or replace 40mm                                             | EACH | 1,181.50       |
|      | diameter screw end constant head pilot                                         |      |                |
|      | operated float valve including taking down existing and disposed off site.     |      |                |
|      |                                                                                |      |                |

| S/No | Description                                                                                                       | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1762 | To supply, install or replace 50mm                                                                                | EACH | 1,275.00       |
|      | diameter screw end constant head pilot operated float valve including taking down existing and disposed off site. |      |                |
| 1763 | To supply, install or replace 20mm                                                                                | EACH | 43.35          |
|      | diameter compressed ends gate valve for polyroplene pipe.                                                         |      |                |
| 1764 | To supply, install or replace 25mm                                                                                | EACH | 54.19          |
|      | diameter compressed ends gate valve for polyroplene pipe                                                          |      |                |
| 1765 | To supply, install or replace 32mm                                                                                | EACH | 65.03          |
|      | diameter compressed ends gate valve for polyroplene pipe                                                          |      |                |
| 1766 | To supply, install or replace 2" x 1"                                                                             | EACH | 6.80           |
|      | Aluminium bracket c/w wall plug.                                                                                  |      |                |
| 1767 | To supply, install or replace U-bolt for                                                                          | EACH | 2.81           |
|      | 15mm pipe.                                                                                                        |      |                |
| 1768 | To supply, install or replace U-bolt for                                                                          | EACH | 4.00           |
|      | 22mm pipe                                                                                                         |      |                |
| 1769 | To supply, install or replace U-bolt for                                                                          | EACH | 6.21           |
|      | 28mm pipe                                                                                                         |      |                |
| 1770 | To supply, install or replace U-bolt for                                                                          | EACH | 8.08           |
|      | 35mm pipe                                                                                                         |      |                |
| 1771 | To supply, install or replace U-bolt for                                                                          | EACH | 10.37          |
|      | 42mm pipe                                                                                                         |      |                |
| 1772 | To supply, install or replace U-bolt for                                                                          | EACH | 15.05          |
|      | 54mm pipe                                                                                                         |      |                |
| 1773 | To supply, install or replace U-bolt for                                                                          | EACH | 16.58          |
|      | 65mm pipe                                                                                                         |      |                |

| S/No | Description                                   | Unit | Unit Cost (\$) |
|------|-----------------------------------------------|------|----------------|
| 1774 | To supply, install or replace U-bolt for      | EACH | 19.72          |
|      | 75mm pipe                                     |      |                |
| 1775 | To supply, install or replace U-bolt for      | EACH | 22.53          |
|      | 100mm pipe                                    |      |                |
| 1776 | To supply, install or replace U-bolt for      | EACH | 24.23          |
|      | 150mm pipe                                    |      |                |
| 1777 | To supply, install or replace 15mm-19mm       | EACH | 3.83           |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1778 | To supply, install or replace 20mm-25mm       | EACH | 5.99           |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1779 | To supply, install or replace 26mm-31mm       | EACH | 9.31           |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1780 | To supply, install or replace 32mm-36mm       | EACH | 12.33          |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1781 | To supply, install or replce 37mm-49mm        | EACH | 15.56          |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1782 | To supply, install or replace 50mm-58mm       | EACH | 22.57          |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1783 | To supply, install or replace 59mm-80mm       | EACH | 24.86          |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |
| 1784 | To supply, install or replace 91mm-110mm      | EACH | 29.58          |
|      | CPC rubber clip bracket c/w wall plug & stud. |      |                |

| S/No | Description                                                                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1785 | To supply, install or replace 111mm-                                                                                                    | EACH | 33.79          |
|      | 160mm CPC cubber clip bracket c/w wall plug & stud.                                                                                     |      |                |
| 1786 | To supply, install or replace water                                                                                                     | EACH | 21.25          |
|      | closet collar.                                                                                                                          |      |                |
| 1787 | To supply, install or replace urinal                                                                                                    | EACH | 29.75          |
|      | sealand complete with wall flange.                                                                                                      |      |                |
| 1788 | To supply, install or replace rubber                                                                                                    | EACH | 10.20          |
|      | bush to squatting pan or pedestal pan.                                                                                                  |      |                |
| 1789 | To supply, install or replace rubber                                                                                                    | EACH | 7.65           |
|      | bush to urinal bowl.                                                                                                                    |      |                |
| 1790 | To supply, install or replace Inlet spud                                                                                                | EACH | 25.50          |
|      | for urinal bowl.                                                                                                                        |      |                |
| 1791 | To supply, install or replace 350mm long                                                                                                | EACH | 7.40           |
|      | flexible tube                                                                                                                           |      |                |
| 1792 | To supply, install or replace 400mm long                                                                                                | EACH | 9.86           |
|      | flexible tube                                                                                                                           |      |                |
| 1793 | To supply, install or replace white                                                                                                     | EACH | 340.00         |
|      | glazed vitreous china back to wall water closet complete with "S" or "P" trap, seat & cover (Potex, Johnson Sussie, Claytan or Saniton) |      |                |
| 1794 | To supply, install or replace 4.5 litres                                                                                                | EACH | 340.00         |
|      | close couple water closet suite<br>(Claytan, Johnson Sussie, Potex or<br>Saniton)                                                       |      |                |
| 1795 | To supply, install or replace one way                                                                                                   | EACH | 165.75         |
|      | laboratory tap, lever type.                                                                                                             |      |                |
| I    |                                                                                                                                         | l    | l l            |

| S/No | Description                                            | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------|------|----------------|
| 1796 | To supply, install or replace two way                  | EACH | 233.75         |
|      | laboratory tap, lever type.                            |      |                |
| 1797 | To supply, install or replace three way                | EACH | 284.75         |
|      | laboratory tap, lever type.                            |      |                |
| 1798 | To supply, install or replace Hot & Cold               | EACH | 361.25         |
|      | lever type laboratory mixer trap.                      |      |                |
| 1799 | To supply, install or replace concealed                | EACH | 157.25         |
|      | shower mixer.                                          |      |                |
| 1800 | To supply, install or replace basin                    | EACH | 83.30          |
|      | pillar Water Efficient tap with long lever handle.     |      |                |
| 1801 | To supply, install or replace sink tap                 | EACH | 102.00         |
|      | swivel spout                                           |      |                |
| 1802 | To supply, install or replace expose                   | EACH | 102.00         |
|      | shower mixer.                                          |      |                |
| 1803 | To supply, install or replace expose                   | EACH | 114.75         |
|      | longbath mixer                                         |      |                |
| 1804 | To supply, install or replace Docool                   | EACH | 212.50         |
|      | pematic floor or wall control valve                    |      |                |
| 1805 | To supply, install or replace Docool                   | EACH | 238.00         |
|      | pedalmatic 200-P valve.                                |      |                |
| 1806 | To supply, install or replace swivel                   | EACH | 55.25          |
|      | spout for wall & floor valve.                          |      |                |
| 1807 | To supply, install or replace delay                    | EACH | 223.55         |
|      | action pillar Water Efficient tap for handicap toilet. |      |                |
| 1808 | Dispatch licensed plumber services works on weekdays   | EACH | 68.00          |
|      | whole day (24hrs)                                      |      |                |
| I    |                                                        | I    | I I            |

| S/No | Description                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------|------|----------------|
| 1809 | Dispatch licensed plumber services on (Sat/Sun/PH) whole      | EACH | 102.00         |
|      | day (24hrs)                                                   |      |                |
| 1810 | Not In Use                                                    | EACH |                |
| 1811 | Not In Use                                                    | EACH |                |
| 1812 | To provide equipment, tools & materials                       | M    | 8.50           |
|      | to flushing and rodding of sewerage piple line.               |      |                |
| 1813 | To supply equipment, tools to remove                          | JOB  | 15.30          |
|      | debris from manhole.                                          |      |                |
| 1814 | To supply, labour, tools, equipment and                       | JOB  | 238.00         |
|      | materials to hack and repair or replace concealed pipe burst. |      |                |
| 1815 | To supply labour, tools & equipments to                       | JOB  | 127.50         |
|      | clear and clean of dilution tank.                             |      |                |
| 1816 | To supply, install or replace 75mm                            | EACH | 595.00         |
|      | diameter Silent Check Valve -<br>Cast/Ductile iron.           |      |                |
| 1817 | To supply, install or replace 100mm                           | EACH | 680.00         |
|      | diameter Silent Check Valve -<br>Cast/Ductile iron.           |      |                |
| 1818 | To supply, install or replace 150mm                           | EACH | 1,105.00       |
|      | diameter Silent Check Valve -<br>Cast/Ductile iron.           |      |                |
| 1819 | To supply, install or replace 200mm                           | EACH | 1,615.00       |
|      | diameter Silent Check Valve -<br>Cast/Ductile iron.           |      |                |
| 1820 | To supply, install or replace 250mm                           | EACH | 2,125.00       |
|      | diameter Silent Check Valve -<br>Cast/Ductile iron.           |      |                |

| S/No | Description                                                                                                                                                                                                                     | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1821 | To Supply, install or replace RIGEL LH8025 Wall Hung Basin c/w Standard Accessories and PVC Bottle Trap Dimension: 520 (L) x 460 (W) x 165 (H)mm                                                                                | EACH | 170.00         |
| 1822 | To Supply, install or replace RIGEL W3-R-Q3 23051 (WELS: 3 TICKS) Deck<br>Mounted Self-closing Delay Action Tap Dimension: 110.3 (L) x 141.6(H) mm                                                                              | EACH | 114.75         |
| 1823 | To Supply, install or replace RIGEL WP2913BF Pedestal Pan Water Closet c/w Seat & Cover, Standard Accessories Back Inlet, Trap Distance - Flexible:S trap 55mm, Wash Down, 4.5 Litres Dimension: 670 (L) x 365 (W) x 390 (H) mm | EACH | 187.00         |
| 1824 | RIGEL WQ1912BS Squat Pan without Foot Rest, Standard Accessories S<br>Trap, Back Inlet, 4 Litres Dimension: 300 (W) x 305 (H) x 665 (L)mm.                                                                                      | EACH | 85.00          |
| 1825 | To Supply, install or replace flush pipes (SQUAT PAN) 1000 x 500mm                                                                                                                                                              | EACH | 42.50          |
| 1826 | To supply, install or replace RIGEL W3-R-UH03BP (WELS: 3 TICKS) Wall Hung Urinal c/w Standard Accessories Back Inlet Dimension: 350 (L) x 310 (W) x 545 (H) mm                                                                  | EACH | 127.50         |
| 1827 | To supply, install or replace RIGEL W3-R-AFS202CR Urinal Sensor Flush Valve, Concealed Box Type c/w Manual Over- Riding Button, Cam Lock, AC 230V Dimension: Ø160mm FLUSH PIPES 300 x 300mm                                     | EACH | 280.50         |
| 1828 | To Supply, install or replace flush pipes (Urinal) 300 x 300mm                                                                                                                                                                  | EACH | 25.50          |
| 1829 | To supply, install or replace RIGEL PH128A Stainless Steel Jumbo Roll Toilet Tissue Holder in Hairline Finish Dimension: Ø273 (L) x 120 (W) x 275 (H) mm                                                                        | EACH | 55.25          |
| 1830 | To supply, install or replace RIGEL JT070111 & SA8100 Angle Valve Dimension: Dia 58 (W) x 91 (L)mm Hand Bidet Sprayer with Flexible Hose Dimension: 60 (L) x 1300 (H)mm                                                         | EACH | 63.75          |
| 1831 | To supply, install or replace RIGEL TD101 Stainless Steel Surface Mounted Paper Towel Dispenser Dimension: 280 (L) x 102 (W) x 369 (H) mm                                                                                       | EACH | 93.50          |
| 1832 | To supply, install or replace RIGEL AHD101RCS (SATIN) Stainless Steel Semi<br>Recessed Sensor Hand Dryer Low Noise Motor for Quiet Operation,<br>Automatic Safty Cutt-off Timer Dimension: Ø269mm                               | EACH | 293.25         |
| 1833 | To supply, install or replace RIGEL WR104 Surface Mounted Stainless Steel Waste Receptacle Capacity: 23L (6 gallons) Dimension: 356(L) x 152(W) x 432(H) mm                                                                     | EACH | 97.75          |
| 1834 | To supply, install or replace KEPLER W3-K-SA210 (WELS: 3 TICKS) Hose Coupling Bib Tap with 6 Points Handle Dimension: 98 (L) x 47 (W) x 95 (H) mm                                                                               | EACH | 34.00          |
| 1835 | To supply, install or replace RIGEL KM02 Mop Sink with Standard Accessory Dimension: 425(L) x 420 (W) x 640 (H) mm                                                                                                              | EACH | 131.75         |

| S/No | Description                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 1836 | To supply, install or replace KEPLER W3-K-SA209 (WELS: 3 TICKS) Long Shank Bib Tap with 6 Points Handle Dimension: 113 (L) x 47 (W) x 85 (H) mm                                                                           | EACH | 34.00          |
| 1837 | To supply, install or replace RIGEL W3-R-1016 (WELS: 3 TICKS) Exposed Type Wall Mounted Delay Action Shower Stop Dimension: 86 (L) x $\emptyset$ 62 (W) x 90 (H)mm                                                        | EACH | 51.00          |
| 1838 | To supply, install or replace RIGEL SH08 Wall Mounted Shower Head Dimension: 115 (H) x 235(L)mm                                                                                                                           | EACH | 55.25          |
| 1839 | To supply, install or replace RIGEL W3-R-Q3 23051 Deck Mounted Self-<br>closing Delay Action Tap Dimension: 110.3 (L) x 141.6(H) mm                                                                                       | EACH | 165.75         |
| 1840 | To supply, install or replace RIGEL WH9010BP Wall Hung Water Closet c/w Seat & Cover Standard Accessories, P Trap, Back Inlet, Wash Down, 4.5Litres Dimension: 560 (L) x 352 (W) x 300 (H) mm RIGEL BT-WH L-Chair Bracket | EACH | 297.50         |
| 1841 | To Supply, install or replace RIGEL PD106 Stainless Steel Recessed Paper Towel Dispenser With Waste Receptacle Dimension: $330(W) \times 1397(H) \times 115(L)$ mm                                                        | EACH | 709.75         |
| 1842 | To supply, install or replace RIGEL LH11095 Wall Hung Basin c/w Standard Accessories and PVC Bottle Trap Dimension: 480 (L) x 415 (W) x 190 (H)mm                                                                         | EACH | 63.75          |
| 1843 | To supply, install or replae KEPLER W3-K-SA04L (WELS: 3TICKS) Pillar Sink Tap with Long Lever Handle Dimension: 130 (L) x 145 (H) mm                                                                                      | EACH | 44.20          |
| 1844 | RIGEL WH5086BP Wall Hung Water Closet c/w Duraplast Soft- closing Seat<br>Cover Standard Accessories, P Trap, Wash Down, 4.5Litres Dimension: 750<br>(L) x 358 (W) x 398 (H) mm                                           | EACH | 420.75         |
| 1845 | To supply, install or replace RIGEL BT-WH L-Chair Bracket                                                                                                                                                                 | EACH | 51.00          |
| 1846 | RIGEL AFS101CFLSTDF WC Sensor Flush Valve, Concealed Box type c/w<br>Dual Flush Button, Cam Lock, 4.5 Litres, AC 230V Dimension: 180(W) x<br>180(H)mm FLUSH PIPES (HANDICAPPED) 1000 x 500mm                              | EACH | 335.75         |
| 1847 | To supply, install or replace flush pipes (Handicapped) 1000 x 500mm                                                                                                                                                      | EACH | 42.50          |
| 1848 | To supply, install or replace RIGEL PH113S (SATIN) Stainless Steel Surface<br>Mounted Paper Holder with Shelf Dimension: 267<br>(W) x 99 (H) x 96 (L) mm                                                                  | EACH | 76.50          |
| 1849 | To supply, install or replace HWACO S500 GIGAN insert type stainless steel single bowl sink c/w waste plug, chain and PVC bottle trap Dimension:<br>Overall: 650 (W) x 500 (L) mm Bowl: 560 (W) x 200 (H) x 425(L) mm     | EACH | 216.75         |

## 2. MATERIALS

| S/No   | Description                                                                     | Unit       | Unit Cost (\$) |
|--------|---------------------------------------------------------------------------------|------------|----------------|
| A001   | To cany out monthly maintenance & servicing of Water Pump (any                  | NO         | 17.00          |
| 4002   | types or sizes)                                                                 | NO         |                |
| A002   | Watchdog Keypad                                                                 | NO         | 340.00         |
| A003   | Watchdog Controller Board                                                       | NO         | 374.00         |
|        |                                                                                 |            |                |
| A004   | PLC board                                                                       | NO         | 467.50         |
|        | PIPING AND FITTINGS                                                             |            |                |
| To su  | oply, install or replace inclusive testing & commissioning of the piping of any | type inclu | ding all pipe  |
|        | fitting,                                                                        | 1          |                |
| B001   | 15mm diameter                                                                   | M          | 10.50          |
| B002   | 20mm diameter                                                                   | М          | 11.90          |
| B003   | 25mm diameter                                                                   | М          | 13.52          |
|        |                                                                                 |            |                |
| B004   | 32mm diameter                                                                   | М          | 16.15          |
| פססד   | 40mm diameter                                                                   | N4         | 10.55          |
| B005   | 40mm diameter                                                                   | M          | 18.55          |
| B006   | 50mm diameter                                                                   | М          | 25.76          |
|        |                                                                                 |            |                |
| B007   | 65mm diameter                                                                   | М          | 35.87          |
| B008   | 80mm diameter                                                                   | М          | 44.12          |
|        |                                                                                 |            |                |
| B009   | 1001mn diameter                                                                 | М          | 59.33          |
| B010   | 150mm diameter                                                                  | М          | 88.83          |
|        |                                                                                 |            | 00.00          |
| B011   | 200mm diameter                                                                  | М          | 139.23         |
| B012   | 250mm diameter                                                                  | М          | 203.32         |
| D012   | 250mm diameter                                                                  | 101        | 203.32         |
|        | To supply, install replace Alarm Bell (Weather P                                | Proof)     |                |
| C00I   | 100-150mm diameter                                                              | NO         | 99.45          |
| C002   | 200-300mm diameter                                                              | NO         | 168.30         |
|        | To supply, install or replace Alarm Bell (Norm                                  | al)        |                |
| C003   | 100-150mm diameter                                                              | NO         | 56.10          |
| C004   | 200-300mm diameter                                                              | NO         | 121.55         |
|        |                                                                                 |            | <u> </u>       |
| paint) | Regainting of ,12iges (Inclusive of one ,12rimer coat and two fmishingco        | ats of PSB | approved       |
| C0005  | Up to 50mm diameter.                                                            | М          | 9.78           |
| C006   | Above 50mm diameter up to 80mm diameter                                         | М          | 10.75          |
|        | ,                                                                               |            |                |
| C007   | Above IOOmm diameter up to 150mm diameter                                       | М          | 11.73          |
| C007   | Above IOOmm diameter up to 150mm diameter                                       | М          | 11.73          |

| C008       200mm diameter       M       12.33         C009       250mm diameter       M       13.09         Supply, install or replace Valves and Strainer         D001       13mm dia gate, check valves or strainer       NO       18.79         D002       20mm dia_gate, check valves or strainer       NO       36.13         D003       25mm dia gate, check valves or strainer       NO       43.35         D004       30mm dia gate, check valves or strainer       NO       49.39         D005       40mm dia gate, check valves or strainer       NO       72.25         D007       62mm dia gate, check valves or strainer       NO       76.50         D008       72mm dia gate, check valves or strainer       NO       106.25         E001       Submersible pump, motor single phase 230V Class F Insulation 0.5HP       NO       106.25         E001       Submersible pump, motor single phase 230V Class F Insulation IHP       NO       170.00         E003       Submersible pump, motor single phase 230V Class F Insulation 1.5HP       NO       195.50         E004       Submersible pump, motor three phase 415V Class F Insulation 1.5HP       NO       170.00         E005       Submersible pump, motor three phase 415V Class F Insulation 1.5HP       NO       225.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/No | Description                                                            | Unit     | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------|----------|----------------|
| Supply. install or replace Valves and Strainer  D001 13mm dia gate, check valves or strainer  D002 20mm dia_gate, check valves or strainer  D003 25mm dia gate, check valves or strainer  D004 30mm dia gate, check valves or strainer  D005 40mm dia gate, check valves or strainer  D006 50mm dia gate, check valves or strainer  D007 62mm dia gate, check valves or strainer  D008 72mm dia gate, check valves or strainer  D009 100mm dia gate, check valves or strainer  D009 100mm dia gate, check valves or strainer  D000 100mm dia gate, check valves or strainer  D000 100mm dia gate, check valves or strainer  D001 20mm dia gate, check valves or strainer  D002 3ubmersible pump, motor single phase 230V Class F Insulation 0.5HP  D003 3ubmersible pump, motor single phase 230V Class F Insulation 1.5HP  D004 3ubmersible pump, motor single phase 230V Class F Insulation 0.5HP  D005 3ubmersible pump, motor single phase 230V Class F Insulation 0.5HP  D006 3ubmersible pump, motor three phase 415V Class F Insulation 0.5HP  D007 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D008 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D009 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D009 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D000 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D001 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D001 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D003 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D004 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D005 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D006 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D007 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D009 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D009 3ubmersible pump, motor three phase 415V Class F Insulation 1.5HP  D009 3ubmersible pump, m | C008 | 200mm diameter                                                         | М        | 12.33          |
| D001<br>D00213mm dia gate, check valves or strainer<br>20mm dia_gate, check valves or strainerNO18.79<br>28.90D00325mm dia_gate, check valves or strainerNO36.13D00430mm dia gate, check valves or strainerNO43.35D00540mm dia gate, check valves or strainerNO49.39D00650mm dia gate, check valves or strainerNO72.25D00762mm dia gate, check valves or strainerNO76.50D00872mm dia gate, check valves or strainerNO106.25E001Submersible pump, motor single phase 230V Class F Insulation 0.5HPNO144.50E002Submersible pump, motor single phase 230V Class F Insulation I.SHPNO170.00E003Submersible pump, motor single phase 230V Class F Insulation 1.SHPNO195.50E004Submersible pump, motor single phase 230V Class F Insulation 1.SHPNO229.50E005Submersible pump, motor three phase 415V Class F Insulation 0.5HPNO170.00E006Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO199.75E007Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO225.25E008Submersible pump, motor three phase 415V Class F Insulation 3HPNO352.75E010Submersible pump, motor three phase 415V Class F Insulation 3HPNO372.30E011Submersible pump, motor three phase 415V Class F Insulation 5HPNO372.30E012Supply, install or replace gland packingNO21.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | C009 | 250mm diameter                                                         | М        | 13.09          |
| D00220mm dia_gate, check valves or strainerNO28.90D00325mm dia gate, check valves or strainerNO36.13D00430mm dia gate, check valves or strainerNO43.35D00540mm dia gate, check valves or strainerNO49.39D00650mm dia gate, check valves or strainerNO72.25D00762mm dia gate, check valves or strainerNO76.50D00872mm dia gate, check valves or strainerNO89.59D009IOOmm dia gate, check valves or strainerNO106.25E001Submersible pump, motor single phase 230V Class F Insulation 0.5HPNO144.50E002Submersible pump, motor single phase 230V Class F Insulation I.SHPNO170.00E003Submersible pump, motor single phase 230V Class F Insulation 1.5HPNO195.50E004Submersible pump, motor three phase 230V Class F Insulation 0.5HPNO170.00E005Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO170.00E006Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO225.25E008Submersible pump, motor three phase 415V Class F Insulation 3HPNO352.75E010Submersible pump, motor three phase 415V Class F Insulation 3HPNO372.30E011Submersible pump, motor three phase 415V Class F Insulation 3HPNO372.30E012Submersible pump, motor three phase 415V Class F Insulation 5HPNO372.30E013Supply, install or replace gland packing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Supply. install or replace Valves and Straine                          | er       |                |
| 25mm dia gate, check valves or strainer  NO 36.13  D004 30mm dia gate, check valves or strainer  NO 43.35  D005 40mm dia gate, check valves or strainer  NO 49.39  D006 50mm dia gate, check valves or strainer  NO 76.50  D007 62mm dia gate, check valves or strainer  NO 76.50  D008 72mm dia gate, check valves or strainer  NO 89.59  D009 10Omm dia gate, check valves or strainer  NO 106.25  E001 Submersible pump, motor single phase 230V Class F Insulation 0.5HP  NO 170.00  E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP  NO 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP  NO 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 225.25  E009 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 372.30  Submersible pump, motor three phase 415V Class F Insulation 3HP  NO 372.30  E010 Submersible pump, motor three phase 415V Class F Insulation 5HP  NO 372.30  E011 Submersible pump, motor three phase 415V Class F Insulation 5HP  NO 372.30  E011 Submersible pump, motor three phase 415V Class F Insulation 5HP  NO 372.30  E012 Submersible pump, motor three phase 415V Class F Insulation 5HP  NO 372.30  E013 Supply, install or replace gland packing  E024 Supply, install or replace southern cross pump mechanical seal SEA 021  NO 187.00  E003 Supply, install or replace southern cross pump mechanical seal SEA 021  NO 238.00                                                                                                                                                                                                                                                                                                                                                                                    | D001 |                                                                        | NO       | 18.79          |
| D004 30mm dia gate, check valves or strainer  D005 40mm dia gate, check valves or strainer  N0 49.39  D006 50mm dia gate, check valves or strainer  N0 76.50  D007 62mm dia gate, check valves or strainer  N0 76.50  D008 72mm dia gate, check valves or strainer  N0 89.59  D009 100mm dia gate, check valves or strainer  N0 106.25  E001 Submersible pump, motor single phase 230V Class F Insulation 0.5HP  N0 170.00  E002 Submersible pump, motor single phase 230V Class F Insulation I.SHP  N0 170.00  E003 Submersible pump, motor single phase 230V Class F Insulation 1.SHP  N0 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP  N0 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 1.SHP  N0 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.SHP  N0 199.75  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP  N0 225.25  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP  N0 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 3HP  N0 372.30  Submersible pump, motor three phase 415V Class F Insulation 5HP  N0 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing  F002 Supply, install or replace southern cross pump mechanical seal SEA 021  N0 187.00  F003 Supply, install or replace southern cross pump mechanical seal SEA 021  N0 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | D002 | 20mm dia_gate, check valves or strainer                                | NO       | 28.90          |
| D00540mm dia gate, check valves or strainerNO49.39D00650mm dia gate, check valves or strainerNO72.25D00762mm dia gate, check valves or strainerNO76.50D00872mm dia gate, check valves or strainerNO89.59D009IOOmm dia gate, check valves or strainerNO106.25E001Submersible pump, motor single phase 230V Class F Insulation 0.5HPNO144.50E002Submersible pump, motor single phase 230V Class F Insulation I.SHPNO170.00E003Submersible pump, motor single phase 230V Class F Insulation 2HPNO229.50E004Submersible pump, motor three phase 415V Class F Insulation 2HPNO170.00E005Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO199.75E007Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO225.25E008Submersible pump, motor three phase 415V Class F Insulation 3HPNO352.75E010Submersible pump, motor three phase 415V Class F Insulation 3HPNO372.30E011Submersible pump, motor three phase 415V Class F Insulation 5HPNO372.30E012Submersible pump, motor three phase 415V Class F Insulation 5HPNO372.30E013Supply, install or replace gland packing<br>F002NO21.25F003Supply, install or replace southern cross pump mechanical seal SEA 021NO187.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D003 | 25mm dia gate, check valves or strainer                                | NO       | 36.13          |
| D00650mm dia gate, check valves or strainerNO72.25D00762mm dia gate, check valves or strainerNO76.50D00872mm dia gate, check valves or strainerNO89.59D009IOOmm dia gate, check valves or strainerNO106.25E001Submersible pump, motor single phase 230V Class F Insulation 0.5HPNO144.50E002Submersible pump, motor single phase 230V Class F Insulation IHPNO170.00E003Submersible pump, motor single phase 230V Class F Insulation 1.5HPNO195.50E004Submersible pump, motor single phase 230V Class F Insulation 2HPNO229.50E005Submersible pump, motor three phase 415V Class F Insulation 0.5HPNO170.00E006Submersible pump, motor three phase 415V Class F Insulation 1.5HPNO199.75E007Submersible pump, motor three phase 415V Class F Insulation 2HPNO225.25E008Submersible pump, motor three phase 415V Class F Insulation 3HPNO352.75E010Submersible pump, motor three phase 415V Class F Insulation 3HPNO372.30E011Submersible pump, motor three phase 415V Class F Insulation 5HPNO386.75PUMPS SEALSF001Supply, install or replace gland packing<br>Supply, install or replace southern cross pump mechanical seal SEA 021NO21.25F003Supply, install or replace southern cross pump mechanical seal SEA 021NO238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | D004 | 30mm dia gate, check valves or strainer                                | NO       | 43.35          |
| D007 62mm dia gate, check valves or strainer  D008 72mm dia gate, check valves or strainer  N0 89.59  D009 IOOmm dia gate, check valves or strainer  N0 106.25  E001 Submersible pump, motor single phase 230V Class F Insulation 0.5HP  N0 144.50  E002 Submersible pump, motor single phase 230V Class F Insulation IHP  N0 170.00  E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP  N0 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP  N0 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP  N0 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP  N0 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  N0 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP  N0 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP  N0 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 3HP  N0 372.30  E011 Submersible pump, motor three phase 415V Class F Insulation 5HP  N0 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021  N0 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D005 | 40mm dia gate, check valves or strainer                                | NO       | 49.39          |
| D008 72mm dia gate, check valves or strainer  D009 IOOmm dia gate, check valves or strainer  N0 106.25  E001 Submersible pump, motor single phase 230V Class F Insulation 0.5HP  N0 170.00  E002 Submersible pump, motor single phase 230V Class F Insulation IHP  N0 170.00  E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP  N0 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP  N0 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP  N0 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP  N0 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  N0 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP  N0 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP  N0 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 3HP  N0 372.30  E0II Submersible pump, motor three phase 415V Class F Insulation 5HP  N0 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021  N0 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D006 | 50mm dia gate, check valves or strainer                                | NO       | 72.25          |
| D009 IOOmm dia gate, check valves or strainer  E001 Submersible pump, motor single phase 230V Class F Insulation 0.5HP  NO 144.50  E002 Submersible pump, motor single phase 230V Class F Insulation IHP  NO 170.00  E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP  NO 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP  NO 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP  NO 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP  NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP  NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP  NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP  NO 372.30  E0II Submersible pump, motor three phase 415V Class F Insulation 5HP  NO 386.75  F001 Supply, install or replace gland packing  F002 Supply, install or replace southern cross pump mechanical seal SEA 021  NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D007 | 62mm dia gate, check valves or strainer                                | NO       | 76.50          |
| E001 Submersible pump, motor single phase 230V Class F Insulation 0.5HP NO 144.50 E002 Submersible pump, motor single phase 230V Class F Insulation IHP NO 170.00 E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP NO 195.50 E004 Submersible pump, motor single phase 230V Class F Insulation 2HP NO 229.50 E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP NO 170.00 E006 Submersible pump, motor three phase 415V Class F Insulation 1HP NO 199.75 E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP NO 225.25 E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50 E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75 E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30 EOII Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D008 | 72mm dia gate, check valves or strainer                                | NO       | 89.59          |
| E002 Submersible pump, motor single phase 230V Class F Insulation IHP NO 170.00  E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP NO 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP NO 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP NO 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  EOII Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | D009 | IOOmm dia gate, check valves or strainer                               | NO       | 106.25         |
| E003 Submersible pump, motor single phase 230V Class F Insulation I.SHP  NO 195.50  E004 Submersible pump, motor single phase 230V Class F Insulation 2HP  NO 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP  NO 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP  NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP  NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP  NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP  NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP  NO 372.30  E0II Submersible pump, motor three phase 415V Class F Insulation 5HP  NO 386.75  F001 Supply, install or replace gland packing F002 Supply, install or replace southern cross pump mechanical seal SEA 021  NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | E001 | Submersible pump, motor single phase 230V Class F Insulation 0.5HP     | NO       | 144.50         |
| E004 Submersible pump, motor single phase 230V Class F Insulation 2HP NO 229.50  E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP NO 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  E0II Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | E002 | Submersible pump, motor single phase 230V Class F Insulation IHP       | NO       | 170.00         |
| E005 Submersible pump, motor three phase 415V Class F Insulation 0.5HP NO 170.00  E006 Submersible pump, motor three phase 415V Class F Insulation 1HP NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  EOII Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | E003 | Submersible pump, motor single phase 230V Class F Insulation I.SHP     | NO       | 195.50         |
| E006 Submersible pump, motor three phase 415V Class F Insulation 1HP NO 199.75  E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  E0II Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | E004 | Submersible pump, motor single phase 230V Class F Insulation 2HP       | NO       | 229.50         |
| E007 Submersible pump, motor three phase 415V Class F Insulation 1.5HP NO 225.25  E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  E0II Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | E005 | Submersible pump, motor three phase 415V Class F Insulation 0.5HP      | NO       | 170.00         |
| E008 Submersible pump, motor three phase 415V Class F Insulation 2HP NO 246.50  E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  EOII Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E006 | Submersible pump, motor three phase 415V Class F Insulation 1HP        | NO       | 199.75         |
| E009 Submersible pump, motor three phase 415V Class F Insulation 3HP NO 352.75  E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  EOII Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E007 | Submersible pump, motor three phase 415V Class F Insulation 1.5HP      | NO       | 225.25         |
| E010 Submersible pump, motor three phase 415V Class F Insulation 4HP NO 372.30  EOII Submersible pump, motor three phase 415V Class F Insulation 5HP NO 386.75  PUMPS SEALS  F001 Supply, install or replace gland packing Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E008 | Submersible pump, motor three phase 415V Class F Insulation 2HP        | NO       | 246.50         |
| F001 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | E009 | Submersible pump, motor three phase 415V Class F Insulation 3HP        | NO       | 352.75         |
| PUMPS SEALS  F001 Supply, install or replace gland packing F002 Supply, install or replace southern cross pump mechanical seal SEA 021  F003 Supply, install or replace southern cross pump mechanical seal SED 021  NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | E010 | Submersible pump, motor three phase 415V Class F Insulation 4HP        | NO       | 372.30         |
| F001 Supply, install or replace gland packing F002 Supply, install or replace southern cross pump mechanical seal SEA 021  F003 Supply, install or replace southern cross pump mechanical seal SED 021  NO 21.25  187.00  238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EOII | Submersible pump, motor three phase 415V Class F Insulation 5HP        | NO       | 386.75         |
| F002 Supply, install or replace southern cross pump mechanical seal SEA 021 NO 187.00  F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | PUMPS SEALS                                                            | <u> </u> | 1              |
| F003 Supply, install or replace southern cross pump mechanical seal SED 021 NO 238.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F001 | Supply, install or replace gland packing                               | NO       | 21.25          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | F002 | Supply, install or replace southern cross pump mechanical seal SEA 021 | NO       | 187.00         |
| F004 Supply, install or replace southern cross pump mechanical seal NFA 30 NO 153.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | F003 | Supply, install or replace southern cross pump mechanical seal SED 021 | NO       | 238.00         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | F004 | Supply, install or replace southern cross pump mechanical seal NFA 30  | NO       | 153.00         |

| FOOS Supply, install or replace southern cross pump mechanical seal NFC 30 NO 204.00 FOO6 Supply, install or replace southern cross pump mechanical seal NFE 30 NO 204.00 FOO7 Supply, install or replace southern cross pump mechanical seal NFC 105Z NO 178.50 FOO8 Supply, install or replace southern cross pump mechanical seal NFE IOSY NO 204.00 FOO9 Supply, install or replace ebara pump mechanical seal BP 40 LPS/50 LPS NO 102.00 FO10 Supply, install or replace ebara pump mechanical seal 65 / 50 NO 187.00 FO11 Supply, install or replace regent pump mechanical seal 24lmn 21/BP 171/SP ORS Supply, install or replace regent pump mechanicalseal24lmn 21/BP NO 127.50 FO11 Supply, install or replace allen gwynnes pump mechanicalseal28mm 40L-109-7211 FO13 Supply, install or replace allen gwynnes pump mechanicalseal28mm 65 x NO 127.50 FO14 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50 FO15 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50 FO16 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50 FO17 Supply, install or replace eritz pump mechanical seal 20mm NO 127.50 FO18 Supply, install or replace eritz pump mechanical seal 20mm NO 127.50 FO19 Supply, install or replace erole marelli pump mechanical seal PL 65 x40 x2008 FO19 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO10 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO11 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO18 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO19 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO19 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO19 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO19 Supply, install or replace ercole marelli pump mechanical seal PL 55 X 140 FO19 Supply, install or replace erco | S/No | Description                                                               | Unit | Unit Cost (\$) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------|------|----------------|
| F007 Supply, install or replace southern cross pump mechanical seal NFC 105Z NO 178.50  F008 Supply, install or replace southern cross pump mechanical seal NFE IOSY NO 204.00  F009 Supply, install or replace ebara pump mechanical seal BP 40 LPS/50 LPS NO 102.00  F010 Supply, install or replace ebara pump mechanical seal BP 40 LPS/50 LPS NO 187.00  F011 Supply, install or replace regent pump mechanical seal 65 / 50 NO 187.00  F012 Supply, install or replace regent pump mechanicalseal24lmn 21/BP 17/ISP ORS  F012 Supply, install or replace regent pump mechanicalseal28lmn 40L- 109- 1721.1  F013 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250  F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace KSB pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal MNO 127.50  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A  F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F023 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 127.50  F024 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 127.50  F025 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 127.50  F026 Supply, install or replace takk pump mechanical seal BP UPT 40/50- 120  F027 Supply, install or replace takk pump mechanical seal CPA 2065- 3070 NO 102.00  F028 Supply, install or replace takk pump mechanical seal F14-M-504 NO 127.50  F029 Supply, install or replace lEL pump mechanical seal F1403 NO 127.50  F029 Supply, install or replace IEL pump mechan | F005 | Supply, install or replace southern cross pump mechanical seal NFC 30     | NO   | 204.00         |
| Supply, install or replace southern cross pump mechanical seal NFE IOSY NO 204.00  F009 Supply, install or replace ebara pump mechanical seal BP 40 LPS/50 LPS NO 102.00  F010 Supply, install or replace ebara pump mechanical seal 65 / 50 NO 187.00  F011 Supply, install or replace regent pump mechanicalseal24lmn 21/BP NO 127.50  F012 Supply, install or replace regent pump mechanicalseal28lmn 40L- 109- T211  F013 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250  F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace KSB pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal 28mm NO 127.50  F018 Supply, install or replace ajax pump mechanical seal PL 65 x40 NO 127.50  F019 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 NO 127.50  F020 Supply, install or replace ercole marelli pump mechanical seal PL NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F023 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 127.50  F024 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 127.50  F025 Supply, install or replace crane pump mechanical seal BP UPT 40/50-120  F026 Supply, install or replace takk pump mechanical seal CPA 2065-3070 NO 127.50  F027 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace takk pump mechanical seal FJ4 No NO 127.50  F029 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F020 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F021 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F022 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F02 | F006 | Supply, install or replace southern cross pump mechanical seal NFE 30     | NO   | 204.00         |
| F009 Supply, install or replace ebara pump mechanical seal BP 40 LPS/50 LPS NO 102.00 F010 Supply, install or replace ebara pump mechanical seal 65 / 50 NO 187.00 F011 Supply, install or replace regent pump mechanicalseal24lmn 21/BP NO 127.50 F012 Supply, install or replace regent pump mechanicalseal281mn 40L- 109- T211 F013 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250 F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50 F015 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50 F016 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50 F017 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50 F018 Supply, install or replace erize pump mechanical seal NO 153.00 F019 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 x2008 F019 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140 F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140 F021 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140 F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A F022 Supply, install or replace ercole marelli pump mechanical seal PD PDT 40/50- 120 F023 Supply, install or replace ercole marelli pump mechanical seal BP UPT 40/50- 120 F024 Supply, install or replace takk pump mechanical seal GPA 2065- 3070 NO 127.50 F025 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50 F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50 F027 Supply, install or replace IEL pump mechanical seal FJ403 NO 127.50 F028 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                               | F007 | Supply, install or replace southern cross pump mechanical seal NFC 105Z   | NO   | 178.50         |
| F010 Supply, install or replace ebara pump mechanical seal 65 / 50 NO 187.00  F011 Supply, install or replace regent pump mechanicalseal24lmn 21/BP NO 127.50  F012 Supply, install or replace regent pump mechanicalseal281mn 40L- 109- T211 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250  F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F017 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F018 Supply, install or replace ajax pump mechanical seal PL 55 x 40 x 2008  F019 Supply, install or replace ercole marelli pump mechanical seal PL 55 x 40 x 2008  F019 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A  F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F023 Supply, install or replace ercole marelli pump mechanical seal BP UPT 40/50-100  F024 Supply, install or replace crane pump mechanical seal BP UPT 40/50-100  F025 Supply, install or replace takk pump mechanical seal CPA 2065- 3070 NO 127.50  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal FJ403 NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                      | F008 | Supply, install or replace southern cross pump mechanical seal NFE IOSY   | NO   | 204.00         |
| F011 Supply, install or replace regent pump mechanicalseal24lmn 21/BP 171/SP ORS F012 Supply, install or replace regent pump mechanicalseal281mn 40L- 109- T211 F013 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250 F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m F015 Supply, install or replace ritz pump mechanical seal 20mm F016 Supply, install or replace ritz pump mechanical seal 20mm F017 Supply, install or replace ritz pump mechanical seal 28mm F018 Supply, install or replace ajax pump mechanical seal PL 65 x40 x200B F019 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 x200B F019 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140 F020 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A F022 Supply, install or replace ercole marelli pump mechanical seal BP UPT 40/50- 120 F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50 F024 Supply, install or relace crane pump mechanical seal CPA 2065- 3070 NO 127.50 F025 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50 F026 Supply, install or relace takk pump mechanical seal FJ403 Supply, install or relace takk pump mechanical seal FJ403 NO 127.50 F027 Supply, install or replace IEL pump mechanical seal FJ403 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F009 | Supply, install or replace ebara pump mechanical seal BP 40 LPS/50 LPS    | NO   | 102.00         |
| F012 Supply, install or replace regent pump mechanical seal 28mm 40L- 109- T211  F013 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250  F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 28mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal 28mm NO 153.00  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 NO 127.50  x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A  F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F023 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50- NO 127.50  F024 Supply, install or replace crane pump mechanical seal BP UPT 40/50- NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 102.00  F026 Supply, install or replace takk pwnp mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal FJ403 NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | F010 | Supply, install or replace ebara pump mechanical seal 65 / 50             | NO   | 187.00         |
| F012 Supply, install or replace regent pump mechanicalseal281mn 40L- 109- T211  F013 Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x 40 x 250  F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal 28mm NO 127.50  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 NO 127.50  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F022 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  F023 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50- NO 127.50  F024 Supply, install or replace crane pump mechanical seal Sal BP UPT 40/50- NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 127.50  F026 Supply, install or replace takk pwnp mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | F011 |                                                                           | NO   | 127.50         |
| F013 Supply, install or replace allen gwynnes pump mechanical seal 28mm 65 x 40 x 250  F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 28mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal NO 153.00  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50-120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or relace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace takk pump mechanical seal FJ403 NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | F012 | Supply, install or replace regent pump mechanicalseal281mn 40L- 109-      | NO   | 127.50         |
| F014 Supply, install or replace KSB pump mechanical seal 30mm Etan 40-200m NO 127.50  F015 Supply, install or replace ritz pump mechanical seal 20mm NO 127.50  F016 Supply, install or replace ritz pump mechanical seal 28mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal NO 153.00  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 NO 127.50 x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50-120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or relace crane pump mechanical seal CPA 2065-3070 NO 102.00  F025 Supply, install or replace takk pwnp mechanical seal FJ4-M-504 NO 127.50  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal FJ403 NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F013 | Supply, install or replace allen gwynnes pump mechanicalseal 28mm 65 x    | NO   | 127.50         |
| F016 Supply, install or replace ritz pump mechanical seal28mm NO 127.50  F017 Supply, install or replace ajax pump mechanical seal NO 153.00  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 NO 127.50 x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00 X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50-120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or re lace crane pump mechanical seal20mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065-3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal FJ403 NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | F014 |                                                                           | NO   | 127.50         |
| F017 Supply, install or replace ajax pump mechanical seal  F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50- 120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or re lace crane pump mechanical seal 20mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065-3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or replace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:2  - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F015 | Supply, install or replace ritz pump mechanical seal 20mm                 | NO   | 127.50         |
| F018 Supply, install or replace ercole marelli pump mechanical seal PL 65 x40 NO 127.50 x200B  F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00 140  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00 X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50- NO 127.50 120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or re lace crane pump mechanical seal 20mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ4-M-504 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F016 | Supply, install or replace ritz pump mechanical seal28mm                  | NO   | 127.50         |
| F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X NO 102.00  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00  X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50- 120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or re lace crane pump mechanical seal 20mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:2  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | F017 | Supply, install or replace ajax pump mechanical seal                      | NO   | 153.00         |
| F019 Supply, install or replace ercole marelli pump mechanical seal CMN40 NO 85.00  F020 Supply, install or replace ercole marelli pump mechanical seal PL 25 X 140  F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00 X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50-120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or re lace crane pump mechanical seal 20mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065-3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z  - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | F018 |                                                                           | NO   | 127.50         |
| F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 NO 102.00 X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50-120  F023 Supply, install or replace crane pump mechanical seal 30mm NO 127.50  F024 Supply, install or re lace crane pump mechanical seal20mm NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | F019 |                                                                           | NO   | 85.00          |
| F021 Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 X 125A  F022 Supply, install or replace grundfos pwnp mechanical seal BP UPT 40/50-120  F023 Supply, install or replace crane pump mechanical seal 30mm  NO 127.50  F024 Supply, install or relace crane pump mechanical seal 20mm  NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504  F027 Supply, install or relace takk pump mechanical seal FJ403  NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:2  NO 127.50  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5  NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | F020 |                                                                           | NO   | 102.00         |
| F023 Supply, install or replace crane pump mechanical seal 30mm  NO 127.50  F024 Supply, install or re lace crane pump mechanical seal20mm  NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504  F027 Supply, install or re lace takk pump mechanical seal FJ403  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z  - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5  NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | F021 | Supply, install or replace ercole marelli pump mechanical seal PL 50 X 32 | NO   | 102.00         |
| F024 Supply, install or re lace crane pump mechanical seal20mm  NO 127.50  F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070  NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504  NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403  NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z  - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5  NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | F022 |                                                                           | NO   | 127.50         |
| F025 Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070 NO 102.00  F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z  - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | F023 | Supply, install or replace crane pump mechanical seal 30mm                | NO   | 127.50         |
| F026 Supply, install or replace takk pump mechanical seal FJ4-M-504 NO 127.50  F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | F024 | Supply, install or re lace crane pump mechanical seal20mm                 | NO   | 127.50         |
| F027 Supply, install or re lace takk pump mechanical seal FJ403 NO 127.50  F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z - 1%  F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | F025 | Supply, install or replace takk pwnp mechanical seal CPA 2065- 3070       | NO   | 102.00         |
| F028 Supply, install or replace IEL pump mechanical seal 7/8" VRB 1 Y:z - 1% F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5  NO 127.50 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | F026 | Supply, install or replace takk pump mechanical seal FJ4-M-504            | NO   | 127.50         |
| F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F027 | Supply, install or re lace takk pump mechanical seal FJ403                | NO   | 127.50         |
| F029 Supply, install or replace IEL pump mechanical seal VRC 1.5 - 2.5 NO 144.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F028 |                                                                           | NO   | 127.50         |
| F030 Supply, install or replace pump end oil seal NFC 14 NO 63.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | F029 |                                                                           | NO   | 144.59         |
| , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F030 | Supply, install or replace pump end oil seal NFC 14                       | NO   | 63.75          |

| S/No | Description                                                                               | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------|------|----------------|
| F031 | Supply, install or replace drive end oil seal NFC 13                                      | NO   | 42.50          |
| F032 | Supply, install or replace pwnp end oil seal RGA                                          | NO   | 63.75          |
|      | IMPELLERS                                                                                 |      | <u> </u>       |
| G001 | Supply, install or replace bronze impeller for transfer pwnp diameter not                 | NO   |                |
| G002 | more than 210mm                                                                           | NO   | 425.00         |
| G002 | Supply, install or replace bronze impeller for transfer pump diameter not more than 300mm | NO   | 467.50         |
| G003 | Supply, install or replace bronze impeller for booster pump                               | NO   | 255.00         |
|      | FLEXIBLE COUPLINGS                                                                        |      |                |
| H001 | Supply, install or replace SNS CL 125 flexible coupling or equivalent                     | NO   | 136.00         |
| H002 | Supply, install or replace SNS CL 140 flexible coupling or equivalent                     | NO   | 175.95         |
| H003 | Supply, install or replace SNS CL 160 flexible coupling or equivalent                     | NO   | 243.95         |
| H004 | Supply, install or replace 2" rubber expansionjoint or equivalent                         | NO   | 170.00         |
| H005 | Supply, install or replace 3" rubber expansionjoint or equivalent                         | NO   | 212.50         |
| H006 | Supply, install or replace 4" rubber expansionjoint or equivalent                         | NO   | 246.50         |
|      | PUMP BEARINGS                                                                             |      |                |
| 1001 | Supply, install or replace bearing 6201 2RS                                               | NO   | 36.55          |
| 1002 | Supply, install or replace bearing 6202 2RS                                               | NO   | 37.40          |
| 1003 | Supply, install or replace bearing 6203 2RS                                               | NO   | 38.25          |
| 1004 | Supply, install or replace bearing 6204 2RS                                               | NO   | 39.10          |
| 1005 | Supply, install or replace bearing 6205                                                   | NO   | 47.60          |
| 1006 | Supply install or replace bearing 6205 2RS                                                | NO   | 49.30          |
| 1007 | Supply, install or replace bearing 6206                                                   | NO   | 51.00          |
| 1008 | Supply, install or replace bearing 6206 2RS                                               | NO   | 52.70          |
| 1009 | Supply, install or replace bearing 6207                                                   | NO   | 54.40          |
| 1010 | Supply, install or replace bearing 6207 2RS                                               | NO   | 56.10          |
| 1011 | Supply, install or replace bearing 6208 2RS                                               | NO   | 57.80          |
| 1012 | Supply, install or replace bearing 6209 2RS                                               | NO   | 61.20          |
| 1013 | Supply, install or replace bearing 6210 2RS                                               | NO   | 63.75          |
| 1014 | Supply, install or replace bearing 6304                                                   | NO   | 47.60          |

| S/No | Description                                                                               | Unit     | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------|----------|----------------|
| 1015 | Supply, install or replace bearing 6304 2RS                                               | NO       | 49.30          |
| 1016 | Supply, install or replace bearing 6305                                                   | NO       | 51.00          |
| 1017 | Supply, install or replace bearing 6305 2RS                                               | NO       | 52.70          |
| 1018 | Supply, install or replace bearing 6306                                                   | NO       | 54.40          |
| 1019 | Supply, install or replace bearing 6306 2RS                                               | NO       | 56.10          |
| 1020 | Supply, install or replace bearing 6307                                                   | NO       | 57.80          |
| 1021 | Supply, install or replace bearing 6307 2RS                                               | NO       | 59.50          |
| 1022 | Supply, install or replace bearing 6308                                                   | NO       | 61.20          |
| 1023 | Supply, install or replace bearing 6308 2RS                                               | NO       | 65.45          |
| 1024 | Supply, install or replace bearing 6309                                                   | NO       | 64.60          |
| 1025 | Supply, install or replace bearing 6309 2RS                                               | NO       | 66.30          |
| 1026 | Supply, install or replace bearing 6310 2RS                                               | NO       | 68.00          |
| 1027 | Supply, install or replace bearing 6311 2RS                                               | NO       | 71.40          |
| 1028 | Supply, install or replace of bearing in 3 phase 415V motor up to 3.75kw (5 hp)           | NO       | 119.00         |
| 1029 | Supply, install or replace of bearing in 3 phase 415V motor up to 5.5kw (7.5 hp)          | NO       | 136.00         |
| 1030 | Supply, install or replace of bearing in 3 phase 415V motor up to 7.5kw {IO hp)           | NO       | 153.00         |
| 1031 | Supply, install or replace of bearing in 3 phase 415V motor up to llkw (15 hp)            | NO       | 170.00         |
| 1032 | Supply, install or replace of bearing in 3 phase 415V motor up to 15kw (20 hp)            | NO       | 187.00         |
| 1033 | Supply, install or replace of bearing in 3 phase 415V motor up to 18.5kw (25 hp)          | NO       | 204.00         |
| 1034 | Supply, install or replace of bearing in 3 phase 415V motor up to 22kw (30 hp)            | NO       | 221.00         |
| 1035 | Supply, install or replace of bearing in 3 phase 415V motor up to 26kw (35 hp)            | NO       | 255.00         |
| 1036 | Supply, install or replace of bearing in 3 phase 415V motor up to30kw (40 hp)             | NO       | 297.50         |
| 1037 | Supply, install or replace bearing/bushing in single phase 230V motor up to 0.75kw (1 hp) | NO       | 72.25          |
| 1038 | Supply, install or replace bearing/bushing in single phase 230V motor up to 1.5kw (2 hp)  | NO       | 85.00          |
|      | MOTOR REWINDINGS                                                                          | <u> </u> | <u> </u>       |
| 1001 | Remove, rewinding & reinstall of motor for submersible pump 1 phase 0.75kw                | NO       | 175.95         |

| S/No         | Description                                                                                                                                           | Unit     | Unit Cost (\$) |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|
| 1002         | Remove, rewinding & reinstall of motor for submersible pump 1 phase lkw                                                                               | NO       | 192.10         |
| 1003         | Remove, rewinding & reinstall of motor for submersible pump 3 phase 0.75kw                                                                            | NO       | 136.00         |
| 1004         | Remove, rewinding & reinstall of motor for submersible pump 3 phase lkw                                                                               | NO       | 167.45         |
| 1005         | Rewinding and replacing of bearing/bushing of single phase, 230V, inclusive of comissioning                                                           | NO       | 144.50         |
| 1006         | Rewinding and replacing ofbearing/bushiJJg of single phase, 230V, 4 poles or 6 poles squirrel cage motor with class F insulation, including removing, | NO       | 170.00         |
| 1007         | Rewinding and replacing of bearing/bushing of single phase, 230V, 4 poles or 6 poles squinel cage motor with class F insulation, mcluding removing,   | NO       | 195.50         |
| 1008         | Rewmding and replacing ofbearmg/bushingof single phase, 230V, 4 poles or 6 poles squinel cage motor with class F insulation, including removing,      | NO       | 221.00         |
| 1009         | Rewmding and replacing ofbearing/bushmg of smgle phase, 230V, 4 poles or 6 poles squinel cage motor with class F msulation, mcluding removmg,         | NO       | 280.50         |
| 1010         | Rewmdmg and replacmg of bearmg of 3 phase, 415V, poles or 6 poles squinel cage motor with class F msulation, mcluding                                 | NO       | 153.00         |
| 1011         | Rewmdmg and replacing of bearing of 3 phase, 415V, poles or 6 poles squinel cage motor with .c.lass F insulation, including removing,                 | NO       | 170.00         |
| 1012         | Rewmdmg and replacing ofbearmg of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with class F insulation, mcluding                              | NO       | 195.50         |
| 1013         | Rewmdmg and replacmg of bearmg of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with .cl.ass F insulation, mcluding removing,                  | NO       | 246.50         |
| 1014         | Rewmdmg and replacmg of bearmg of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with class F msulation, mcludmg                                | NO       | 306.00         |
| 1015         | Rewmdmg and replacmg ofbearmg of3 phase, 415V, 4 poles or 6 poles squinel cage motor with class F msulation, mcludmg                                  | NO       | 340.00         |
| 1016         | Rewinding and replacing of bearing of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with .c.lass F insulation, including removing,             | NO       | 518.50         |
| 1017         | Rewinding and replacing of bearing of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with .c.lass F insulation, including removing,             | NO       | 603.50         |
| 1018         | Rewinding and replacmg of bearing of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with .cl.ass F insulation, including removing,              | NO       | 663.00         |
| 1019         | Rewinding and replacing ofbearing of phase, 415V, 4 poles or 6 poles squirrel cage motor with .c.lass F insulation, mcluding removing,                | NO       | 816.00         |
| 1020         | Rewinding and replacing of bearing of 3 phase, 415V, 4 poles or 6 poles squinel cage motor with class F insulation, including                         | NO       | 1028.50        |
|              | BATTERIES                                                                                                                                             | 1        |                |
| K001<br>K002 | Supply, install or replace 12VDC, 7AH Maintenance free battery Supply, install or replace 12VDC, 24AH Maintenance free battery                        | NO<br>NO | 20.40<br>80.75 |

| S/No | Description                                                                                                                                                                                           | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| K003 | Supply, install or replace 12VDC, 38AH Maintenance free battery                                                                                                                                       | NO   | 119.00         |
|      | PUMP SHAFTS                                                                                                                                                                                           |      |                |
| L001 | Supply, install or replace pump shaft size up to 1" (26mm) dia.                                                                                                                                       | NO   |                |
| 1001 | including end key ways                                                                                                                                                                                | 110  | 225.25         |
| L002 | Supply, install or replace pump shaft size up to 1 V4" (32mm) dia. including end key ways                                                                                                             | NO   | 291.55         |
| L003 | Supply, install or replace pump shaft size up to 1 " (38mm) dia. including end key ways                                                                                                               | NO   | 352.75         |
| L004 | Supply, install or replace pump shaft size up to 1 % " (45mm) dia. including end key ways                                                                                                             | NO   | 437.75         |
| L005 | Supply, install or replace pump shaft size up to 2" (50mm) dia. including end key ways                                                                                                                | NO   | 546.55         |
| L006 | Supply, install or replace pump shaft size up to 2 " (65mm) dia. including end key ways                                                                                                               | NO   | 644.30         |
| L007 | Supply, install or replace pump shaft size up to 2 5/8 " (70mm) dia. including end key ways                                                                                                           | NO   | 741.20         |
| L008 | Supply, install or replace pmnp shaft size up to 3" (80mm) dia. including end key ways                                                                                                                | NO   | 790.50         |
| L009 | Supply, install or replace fan motor shaft up to 0.75kw (1 hp)                                                                                                                                        | NO   | 42.50          |
| L010 | Supply, install or replace stainless steel shaft grade 304 for pump                                                                                                                                   | NO   | 297.50         |
|      | SINGLE PHASE MOTORS                                                                                                                                                                                   | I.   |                |
| M001 | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 0.25 kw & necessary cabling modification.                                   | NO   | 204.00         |
| M002 | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 0.37 kw & necessary cabling modification.                                   | NO   | 255.00         |
| M003 | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 0.56 kw & necessary cabling modification.                                   | NO   | 289.00         |
| M004 | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 0.75 kw & necescabling modification.                                        | NO   | 331.50         |
| MOOS | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 1.2 kw & necessary cabling modification.                                    | NO   | 365.50         |
| M006 | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 1.5 kw & necessary cabling modification.                                    | NO   | 382.50         |
| M007 | Supply, install or replace single phase 230V, 4 poles/6 poles, 50 Hz motor including installation and commissioning up to 2.25 kw & necessary cabling modification.                                   | NO   | 399.50         |
|      | THREE PHASE MOTORS                                                                                                                                                                                    |      | 1              |
| N001 | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor terminals, installation and                                                                    | NO   | 221.00         |
| N002 | commissioning up to 0.75 kw, 4 Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor terminals, installation and commissioning up to 1.5 kw, 4 poles | NO   | 272.00         |

| S/No   | Description                                                                                                                                                            | Unit     | Unit Cost (\$) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|
| N003   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 2.2 kw, 4 poles | NO       | 357.00         |
| N004   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and cmmnissioning up to 4 kw, 4 poles   | NO       | 425.00         |
| N005   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 5.5 kw, 4 poles | NO       | 510.00         |
| N006   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and cmmnissioning up to 7.5 kw, 4 poles | NO       | 612.00         |
| N007   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 11.2 kw, 4      | NO       | 765.00         |
| N008   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 15.0 kw, 4      | NO       | 918.00         |
| N009   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 18.7 kw, 4      | NO       | 1105.00        |
| N010   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and cmmnissioning up to 22.5 kw, 4      | NO       | 1326.00        |
| NOII   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 30 kw, 4 poles  | NO       | 1591.20        |
| N012   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 37.5 kw, 4      | NO       | 1912.50        |
| N013   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 45 kw, 4 poles  | NO       | 2103.75        |
| N014   | Supply, install or replace three phase 415V, 50 Hz motor including replacement of cable lugs for motor tenninals, installation and commissioning up to 52.5 kw, 4      | NO       | 2320.50        |
|        | RELAYS                                                                                                                                                                 |          |                |
| 1      | Supply, install or r Jace overload relay                                                                                                                               | NO       | 13.60          |
| 2      | Supply, install or replace ABB overload relay T16 (0.9-1.3A) or equivalent                                                                                             | NO       | 38.25          |
| 3      | Supply, install or replace ABB overload relay T16 (I.I-1.5A) or equivalent                                                                                             | NO       | 38.25          |
| 4      | Supply, install or replace ABB overload relay T16 (1.3-1.8A) or equivalent                                                                                             | NO       | 38.25          |
| 5      | Supply, install or replace ABB overload relay T16 (1.5-2.1A) or equivalent                                                                                             | NO       | 38.25          |
| 6<br>7 | Supply, install or replace ABB overload relay T16 (4-6A) or equivalent                                                                                                 | NO       | 38.25          |
| 8      | Supply, install or replace ABB overload relay T16 (5.2-7.5A) or equivalent  Supply, install or replace ABB overload relay T16 (7.5-11A) or equivalent                  | NO<br>NO | 38.25<br>38.25 |
| J      | Supply, motern of replace has overload relay 110 (7.3-11A) of equivalent                                                                                               |          | 30.23          |

| S/No | Description                                                                                                          | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------|------|----------------|
| 9    | Supply, install or replace ABB overload relay T16 (12-17.6A) orequivalent                                            | NO   | 38.25          |
| 10   | Supply, install or replace ABB overload relay T16 (18-25A) or equivalent                                             | NO   | 82.45          |
| 11   | Supply, install or replace ABB overload relay T25 (13.5-17.6A) or equivalent                                         | NO   | 59.50          |
| 12   | Supply, install or replace ABB overload relay T25 (15.5-20A) or equivalent                                           | NO   | 59.50          |
| 13   | Supply, install or replace time delay 60 sec, 230V                                                                   | NO   | 79.90          |
| 14   | Supply, install or replace 8 pin relay 24V                                                                           | NO   | 17.00          |
| 15   | Supply, install or replace 8 pin relay 230V                                                                          | NO   | 22.10          |
| 16   | Supply, install or replace 8 pin relay base                                                                          | NO   | 15.30          |
| 17   | Supply, install or replace II pin relay 24V                                                                          | NO   | 23.80          |
| 18   | Supply, install or replace 11 pin relay 230V                                                                         | NO   | 22.95          |
| 19   | Supply, install or replace 11 pin relay base                                                                         | NO   | 16.15          |
| 20   | Supply, install or replace latching rel(ly 8 pin 230V                                                                | NO   | 68.00          |
| 21   | Supply, install or replace latching relay 8 pin base                                                                 | NO   | 17.00          |
| 22   | Supply, install or replace thermal overload relay 3 phase (0.12A - 0.18A) up to (4.0A- 6.0A)                         | NO   | 68.00          |
| 23   | Supply, install or replace thermal overload relay 3 phase (5.6A- 8.0A) up to (22.0A- 24.0A)                          | NO   | 76.50          |
| 24   | Supply, install or replace thermal overload relay 3 phase (24A - 32A)                                                | NO   | 93.50          |
| 25   | Supply, install or replace thermal overload relay 3 phase (30A - 45A) including terminal cables                      | NO   | 123.25         |
| 26   | Supply, install or replace thermal overload relay 3 phase up to 60A -75A including terminal cables                   | NO   | 148.75         |
| 27   | Supply, install or replace control relay c/w socket (8 to 12 pins) coil voltage 230V/110V/24V                        | NO   | 51.00          |
| 28   | Supply, install or replace time delay relay c/w socket (8 to 12 pins) coil voltage 230V/110V/24V delay time 1-30 sec | NO   | 76.50          |
|      | PRESSURE GAUGES                                                                                                      |      |                |
| P001 | Supply, install or replace pressure gauge- suction or discharge                                                      | NO   | 51.00          |
| P002 | Supply, install or replace pressure gauge - suction or discharge oil type                                            | NO   | 93.50          |
|      | CONTACTORS                                                                                                           |      | <u> </u>       |
| Q001 | Supply, install or replace ABB contactor B9-30-10 230V or equivalent                                                 | NO   | 42.50          |
| Q002 | Supply, install or replace ABB contactor Bl2-30-10 230V or equivalent                                                | NO   | 45.90          |
| Q003 | Supply, install or replace ABB contactor B16-30-10 230V or equivalent                                                | NO   | 65.45          |
| Q004 | Supply, install or replace ABB contactor B25-30-10 230V or equivalent                                                | NO   | 85.00          |

| S/No | Description                                                                   | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------|------|----------------|
| Q005 | Supply, install or replace ABB contactor B30-30-10 230V or equivalent         | NO   | 133.45         |
| Q006 | Supply, install or replace ABB auxiliary contact CA7-10 or equivalent         | NO   | 13.60          |
| Q007 | Supply, install or replace ABB auxiliary contact CA7-0l orequivalent          | NO   | 13.60          |
|      | COILS                                                                         |      | <u> </u>       |
| R001 | Supply, install or replace ABB spare coil KB 16, 230V or equivalent           | NO   | 28.05          |
| R002 | Supply, install or replace ABB spare coil KB 30, 230V or equivalent           | NO   | 38.25          |
|      | SWITCHES                                                                      |      | L              |
| SOOI | Supply, install or replace Cam switch 101 or equivalent                       | NO   | 34.00          |
| S002 | Supply, install or replace control switch B9-A200-620 or equivalent           | NO   | 29.75          |
| S003 | Supply, install or replace duty selector switch B9-A221 or equivalent         | NO   | 42.50          |
| S004 | Supply, install or replace changeover selector switch B9-SG0267 or equivalent | NO   | 55.25          |
| S005 | Supply, install or replace Saginomiya pressure switch or equivalent           | NO   | 76.50          |
| S006 | Supply, install or replace float switch                                       | NO   | 51.00          |
| S007 | Supply, install or replace high pressure switches -auto reset                 | NO   | 68.00          |
| S008 | Supply, install or reJ>lace low pressure switches- auto reset                 | NO   | 68.00          |
| S009 | Supply, install or replace flow switch type BQS C130P or equivalent           | NO   | 127.50         |
|      | FUSES                                                                         |      |                |
| T001 | Supply, install or replace mem switch fuse 315 KXB/C, 20A or equivalent       | NO   | 110.50         |
| T002 | Supply, install or replace mem switch fuse 330 KXBIC, 20A or equivalent       | NO   | 136.00         |
| T003 | Supply, install or replace mem switch fuse base 60 MBA or equivalent          | NO   | 17.85          |
| T004 | Supply, install or replace 15A,250 rewireable fuse carrier and bases          | NO   | 20.40          |
| T005 | Supply, install or replace 32A,HRC rewireable fuse carrier and bases          | NO   | 15.30          |
| T006 | Supply, install or replace shield for switch fuse box                         | NO   | 12.75          |
| T007 | Supply, install or replace staggered HRC fuse link 2A                         | NO   | 12.75          |
| T008 | Supply, install or replace staggered HRC fuse link 4A                         | NO   | 12.75          |
| T009 | Supply, install or replace staggered HRC fuse link 6A                         | NO   | 12.75          |
| T010 | Supply, install or replace staggered HRC fuse link 30A                        | NO   | 13.60          |
| TOII | Supply, install or replace offset tag fuse 2A                                 | NO   | 12.75          |

| S/No | Description                                                                                                                             | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| T012 | Supply, install or replace offset tag fuse 4A                                                                                           | NO   | 12.75          |
| T013 | Supply, install or replace offset fuse link 20A                                                                                         | NO   | 12.75          |
| T014 | Supplv, install or replace offset fuse link 20A (big)                                                                                   | NO   | 15.30          |
| T015 | Supply, install or replace offset fuse link 32A                                                                                         | NO   | 14.45          |
| T016 | Supply, install or replace offset fuse link 60A                                                                                         | NO   | 17.85          |
| T017 | Supply, install or replace fuse (all sizes)                                                                                             | NO   | 2.55           |
|      | OMRON                                                                                                                                   |      | <u> </u>       |
| U001 | Supply, install or replace ornron 61F-G3, floatless level switch, source: 100- 220VAC, Freq:50/60Hz or equivalent                       | NO   | 263.50         |
| U002 | Supply, install or replace ornron 61F-11, relay unit or equivalent                                                                      | NO   | 85.00          |
| U003 | Supply, install or replace ornron 61F-G2, floatless level switch or equivalent                                                          | NO   | 76.50          |
|      | ELECTRODES                                                                                                                              | I.   | •              |
| V001 | Supply, install or replace electrode holder 3-way                                                                                       | NO   | 39.95          |
| V002 | Supply, install or replace electrode holder 4-way                                                                                       | NO   | 43.35          |
| V003 | Supply, install or replace electrode holder 5-way                                                                                       | NO   | 46.75          |
| V004 | Supply, install or replace electrode adaptor c/w 3 core wire                                                                            | NO   | 24.65          |
| V005 | Supply, install or replace electrode adaptor c/w 4 core wire                                                                            | NO   | 26.35          |
| V006 | Supply, install or replace electrode separator                                                                                          | NO   | 10.20          |
| V007 | Supply, install or replace stainless steel electrode rod 6mm dia                                                                        | NO   | 12.75          |
|      | MAGNETIC CONTACTORS                                                                                                                     |      |                |
| WOOI | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 76.50          |
| W002 | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 85.00          |
| W003 | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 102.00         |
| W004 | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 136.00         |
| w005 | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 161.50         |
| W006 | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 195.50         |
| W007 | Supply, install or replace magnetic contactor 3 poles or poles with 2 or more auxiliary contacts, suitable for AC 415/440V, 3 phase, 50 | NO   | 272.00         |
|      | FAN BLADES AND COVERS                                                                                                                   | l    | I              |
| X001 | Supply, install or replace fan blade of single phase, 230V motor up to 0.37 kw (0.5hp)                                                  | NO   | 27.20          |

| S/No | Description                                                                                                                          | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| X002 | Supply, install or replace fan blade of single phase, 230V motor up to 0.75kw {I.Ohp)                                                | NO   | 32.30          |
| X003 | Supply, install or replace fan blade of single phase, 230V motor up to 2.02kw (3hp)                                                  | NO   | 40.80          |
| X004 | Supply, install or replace fan blade cover of single phase, 230V motor up to 0.37 kw (0.5hp)                                         | NO   | 32.30          |
| X005 | Supply, install or replace fan blade cover of single phase, 230V motor up to 0.55kw                                                  | NO   | 40.80          |
| X006 | Supply, install or replace fan blade cover of single phase, 230V motor up to 0.75 kw (lhp)                                           | NO   | 46.75          |
| X007 | Supply, install or replace fan blade cover of single phase, 230V motor up to 1.5 kw (2hp)                                            | NO   | 55.25          |
| X008 | Supply, install or replace fan blade cover of single phase, 230V motor up to 2.2 kw (3hp)                                            | NO   | 57.80          |
| X009 | Supply, install or replace fan blade of three phase, 415V motor up to 1.125kw (1.5hp)                                                | NO   | 23.80          |
| X010 | Supply, install or replace fan blade of three phase, 415V motor up to 1.875kw (2.5hp)                                                | NO   | 27.20          |
| XOII | Supply, install or replace fan blade of three phase, 415V motor up to 5hp                                                            | NO   | 32.30          |
| X012 | Supply, install or replace fan blade of three phase, 415V motor up to 7.5kw (IOhp)                                                   | NO   | 40.80          |
| X013 | Supply, install or replace fan blade of three phase, 415V motor up to 15kw (20hp)                                                    | NO   | 51.00          |
| X014 | Supply, install or replace fan blade of three phase, 415V motor up to 18.5kw(25hp)                                                   | NO   | 68.00          |
| X015 | Supply, install or replace fan blade of three phase, 415V motor up to 30kw (40hp)                                                    | NO   | 85.00          |
| X016 | Supply, install or replace fan blade cover of three phase, 415V motor up to 1.125kw (I.Shp)                                          | NO   | 23.80          |
| X017 | Supply, install or replace fan blade cover of three phase, 415V motor up to 2.2kw (3hp)                                              | NO   | 29.75          |
| X018 | Supply, install or replace fan blade cover of three phase, 415V motor up to 4kw (5.5hp)                                              | NO   | 38.25          |
| X019 | Supply, install or replace fan blade cover of three phase, 415V motor up to 7.5kw (IOhp)                                             | NO   | 42.50          |
| X020 | Supply, install or replace fan blade cover of three phase, 415V motor up to 18kw (25h_p)                                             | NO   | 63.75          |
| X021 | Supply, install or replace fan blade cover of three phase, 415V motor up_to 3Okw (40hp)                                              | NO   | 68.00          |
|      | ACCESSORIES                                                                                                                          |      |                |
| Y001 | Supply, install or replace 13mm dia chromium plated easy clean stopcock or bibcock with crutch or approved handle                    | NO   | 10.37          |
| Y002 | Supply, install or replace 20mm dia chromium plated easy clean stopcock or bibcock with cnitch <i>ot.</i> approved handle            | NO   | 12.75          |
| Y003 | Supply, install or replace 13mm dia x 300mm stainless steel flexible tube complete with 2 nos washers and connectors                 | NO   | 4.93           |
| Y004 | Supply, install or replace 13mm dia x 240mm stainless steel flexible tube (male & female) complete with 2 nos washers and connectors | NO   | 10.88          |
| Y005 | Supply, install or replace 3 core wire x 16/0076                                                                                     | M    | 1.28           |

| S/No | Description                                                                                                                              | Unit | Unit Cost (\$) |
|------|------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| Y006 | Supply, install or replace 3 core wire x 40/0076                                                                                         | М    | 1.70           |
| Y007 | Supply, install or replace 3 core wire x 70/0076                                                                                         | М    | 2.55           |
| Y008 | Supply, install or replace 0 ring for pump                                                                                               | NO   | 46.75          |
| Y009 | Supply, install or replace capacitor for booster pump                                                                                    | NO   | 42.50          |
| YO10 | Supply, install or replace coupling bush                                                                                                 | NO   | 8.50           |
| YOII | Supply, install or replace terminal block 15A,25-way_                                                                                    | NO   | 21.25          |
| Y012 | Supply, install or replace terminal block 25A,12-way                                                                                     | NO   | 24.65          |
| Y013 | Supp1y, install or replace terminal block 60A,4-way                                                                                      | NO   | 26.35          |
| Y014 | Supply, install or replace alarm bell100/150 mm dia for pump room                                                                        | NO   | 76.50          |
| Y015 | Supply, install or replace alarm buzzer- 230V                                                                                            | NO   | 12.75          |
| Y016 | Supply, install or replace alarm bulb complete set                                                                                       | NO   | 44.20          |
| Y017 | Supply, install or replace flush head push button 'OFF' FOI                                                                              | NO   | 14.45          |
| Y018 | Supply, install or replace flush head push button 'ON' FIO                                                                               | NO   | 14.45          |
| Y019 | Supply, install or replace step-down transformer (isolated) 230/18.5V 40VA                                                               | NO   | 63.75          |
| Y020 | Supply, install or replace direct on line starter c/w current overload protection up to 4 kw ( 5.5 hp)                                   | NO   | 85.00          |
| Y021 | Supply, install or replace indicating light c/w holder                                                                                   | NO   | 4.25           |
| Y022 | Supply, install or replace indicating light w/o holder                                                                                   | NO   | 1.70           |
| Y023 | Charger card                                                                                                                             | NO   | 680.00         |
| Y024 | Hot-dip galvanised coated mild steel 2"x2"xl/4" stand c/w rubber shoe (4 nos.) complete with red enamel paint fmished for fire hose reel | NO   | 127.50         |
| Y025 | Painting of storage tank inclusive ofthree coating                                                                                       | M2   | 12.75          |
| Y026 | Sensor for pump, brand - Saginamiya, model - SNS-011OX or other approved                                                                 | NO   | 85.85          |
| Y027 | Thumb-lock                                                                                                                               | NO   | 4.25           |
| Y028 | Direct on line starter c/w current overload protection                                                                                   | NO   | 85.00          |
| Y029 | Timer digital electronic                                                                                                                 | NO   | 136.00         |
| Y030 | Leather straps with padlock & keys                                                                                                       | NO   | 17.00          |
| Y031 | Trip to Off-shore island inclusive of ferry & labour services exclusive of spare parts replacement                                       | Trip | 85.00          |

| S/No | Description                                                                                                                                   | Unit | Unit Cost (\$) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
|      | PRESSURIZED TANKS INCLUSIVE OF DIAPHRAGM                                                                                                      |      | -              |
| ZOOI | Supply, install or replace pressurized tank 100 liter steel or fibreglass inclusive of diaphragm/membrane                                     | NO   | 255.00         |
| Z002 | Supply, install or replace pressurized tank 320 liter steel or fibreglass inclusive of diaphragm/membrane                                     | NO   | 535.50         |
| Z003 | Supply, install or replace pressurized tank 350 liter steel or fibreglass inclusive of diaphragm/membrane                                     | NO   | 688.50         |
| Z004 | Supply, install or replace pressurized tank 400 liter steel or fibreglass inclusive of diaphragm/membrane                                     | NO   | 782.00         |
| z005 | Supply, install or replace pressurized tank 500 liter steel or fibreglass inclusive of diaphragm/membrane                                     | NO   | 918.00         |
| Z006 | Supply, install or replace pressurized tank 750 liter steel or fibreglass inclusive of diaphragm/membrane                                     | NO   | 1101.60        |
| Z007 | Supply, install or replace pressurized tank 1000 liter steel or fibreglass inclusive of diaphragm/membrane                                    | NO   | 1360.00        |
| z008 | Supply, install or replace diaphragm/membrane for pressure tank IDOL                                                                          | NO   | 110.50         |
| Z009 | Supply, install or replace diaphragm/membrane for pressure tank 320L                                                                          | NO   | 382.50         |
| ZOI0 | Supply, install or replace diaphragm/membrane for pressure tank 350L                                                                          | NO   | 512.55         |
| ZOII | Supply, install or replace diaphragm/membrane for pressure tank 400L                                                                          | NO   | 544.00         |
| Z012 | Supply, install or replace diaphragm/membrane for pressure tank 500L                                                                          | NO   | 569.50         |
| Z013 | Supply, install or replace diaphragm/membrane for pressure tank 750L                                                                          | NO   | 629.00         |
| Z014 | Supply, install or replace diaphragm/membrane for pressure tank IOOOL                                                                         | NO   | 697.00         |
|      | PUMPS                                                                                                                                         |      |                |
| AAOI | Supply, install or replace including necessary pipework modification& testing and commissioning of lowara brand pump or 2.2kw equivalent.     | NO   | 782.00         |
| AA02 | Supply, install or replace including necessary pipework modification& testing and commissioning of lowara brand pump or 4.0kw equivalent.     | NO   | 1071.00        |
| AA03 | Supply, install or replace including necessary pipework modification& testing and commissioning of lowara brand pump or 5.5kw eguivalent.     | NO   | 1527.45        |
| AA04 | Supply, install or replace including necessary pipework modification& testing and commissioning of lowara brand pump or 7.5kw equivalent.     | NO   | 1513.00        |
| AA05 | Supply, install or replace including necessary pipework modification& testing and commissioning of lowara brand pump or 9.5kw equivalent.     | NO   | 1603.95        |
| AA06 | Supply, install or replace including necessary pipework modification& testing and commissioning of Ebara brand pump or                        | NO   | 1525.75        |
| AA07 | Supply, install or replace including necessary pipework modification& testing and commissioning of Ebara brand pump or                        | NO   | 1252.90        |
| AA08 | Supply, install or replace including necessary pipework modification& testing and commissioning of Grund-fos brand pump_ or 2.6kw equivalent. | NO   | 782.00         |

| S/No | Description                                                                                                                                                                                                                                                   | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| AA09 | Supply, install or replace including necessary pipework modification& testing and commissioning of Grund-fos brand pum).) or 3.0kw equivalent.                                                                                                                | NO   | 807.50         |
| AAIO | Supply, install or replace including necessary pipework modification & testing and commissioning of Grund-fos brand pump or 4.0kw equivalent.                                                                                                                 | NO   | 1487.50        |
| AA11 | Supply, install or replace including necessary pipework modification & testing and commissioning of Grund-fos brand pump or 7.5kw equivalent.                                                                                                                 | NO   | 1513.00        |
| AA12 | Supply, install or replace including necessary pipework modification & testing and commissioning of Grund-fos brand pump or 11.0kw equivalent.                                                                                                                | NO   | 2252.50        |
| AA13 | Supply, install or replace including necessary pipework modification & testing and commissioning of Teco brand pump or 7.5kw equivalent.                                                                                                                      | NO   | 1513.00        |
| AA14 | Supply, install or replace including necessary pipework modification & testing and commissioning of water pump ranging from 0.10kw to 2.0kw or equivalent.                                                                                                    | NO   | 680.00         |
| AA15 | Supply, install or replace including necessary pipework modification & testing and commissioning of water pump ranging from 15.0kw to 30.0kw or equivalent.                                                                                                   | NO   | 2975.00        |
| AA16 | Supply, install or replace including necessary & testing and commissioning of water pump up to 37.5kw.                                                                                                                                                        | NO   | 1878.50        |
| AA17 | Supply, install or replace including necessary & testing and commissioning of water pump up to 45kw.                                                                                                                                                          | NO   | 2254.20        |
| AA18 | Supply, install or replace including necessary & testing and commissioning of water pump up to 52.5kw.                                                                                                                                                        | NO   | 2482.00        |
|      | WATER DISPENSER                                                                                                                                                                                                                                               |      |                |
| 1    | To carry out monthly maintenance & servicing of Hot & Cold Water Dispensers or Pantry Wall Mounted Direct Piping Hot Water Dispensers                                                                                                                         | No.  | 12.75          |
| 2    | Hot & Cold water dispenser floor standing type complete with accessories inclusive carbon type water filter 220V- 240V 50H/60hz single phase Cold:115W, Hot:500W model D5CH or equivalent complete with discharge/outlet drainage system from receptacle tray | No.  | 680.00         |
| 3    | Thermostat for hot water dispenser                                                                                                                                                                                                                            | No.  | 41.82          |
| 4    | Red faucet for hot water dispenser for pantry                                                                                                                                                                                                                 | No.  | 91.80          |
| 5    | Upper assembly for hot water dispenser                                                                                                                                                                                                                        | No.  | 48.96          |
| 6    | Spring for hot water dispenser                                                                                                                                                                                                                                | No.  | 5.10           |
| 7    | Stem for tap of hot water dispenser                                                                                                                                                                                                                           | No.  | 10.20          |
| 8    | Seat cap for hot water dispenser                                                                                                                                                                                                                              | No.  | 12.24          |
| 9    | Tap handle for hot water dispenser                                                                                                                                                                                                                            | No.  | 12.24          |
| 10   | Tap bonnet for hot water dispenser                                                                                                                                                                                                                            | No.  | 14.28          |

| S/No | Description                                                                         | Unit | Unit Cost (\$) |
|------|-------------------------------------------------------------------------------------|------|----------------|
| 11   | Tap pin for hot water dispenser                                                     | No.  | 4.08           |
| 12   | Indicator Light for hot water dispenser                                             | No.  | 3.06           |
| 13   | Indicator Lens for hot water dispenser                                              | No.  | 1.02           |
| 14   | Solenoid valve for hot water dispenser                                              | No.  | 79.56          |
| 15   | Fan for hot water dispenser                                                         | No.  | 49.30          |
| 16   | Transformer for hot water dispenser                                                 | No.  | 38.25          |
| 17   | IC board for hot water dispenser                                                    | No.  | 112.20         |
| 18   | Hot water faucet complete set for H & C water dispenser complete with safety device | No.  | 28.56          |
| 19   | Reservoir float valve for H & C water dispenser                                     | No.  | 173.40         |
| 20   | Float assembly for H & C water dispenser                                            | No.  | 35.70          |
| 21   | Compressor for H & C water dispenser                                                | No.  | 297.50         |
| 22   | Cold water thermostat for H & C water dispenser                                     | No.  | 61.20          |
| 23   | Hot water thermostat for H & C water dispenser                                      | No.  | 35.70          |
| 24   | Divider( between tank ) for H & C water dispenser                                   | No.  | 35.70          |
| 25   | Hot or Cold water outlet pipe for H & C water dispenser                             | No.  | 34.00          |
| 26   | Hot water tank (with heating element) for H & C water dispenser                     | No.  | 187.00         |
| 27   | On / off switch for heater of H & C water dispenser                                 | No.  | 15.30          |
| 28   | Overheat protection (auto / manual) for H & C water dispenser                       | No.  | 30.60          |
| 29   | Overload protection (for compressor) ofH & C water dispenser                        | No.  | 35.70          |
| 30   | Starting relay for H & C water dispenser                                            | No.  | 66.30          |
| 31   | Top cover (B series) for H & C water dispenser                                      | No.  | 51.00          |
| 32   | Top cover (D series) for H & C water dispenser                                      | No.  | 112.20         |
| 33   | Front lower panel for H & C water dispenser                                         | No.  | 81.60          |
| 34   | Front upper panel for H & C water dispenser                                         | No.  | 81.60          |
| 35   | LH side panel for H & C water dispenser                                             | No.  | 71.40          |
| 36   | RH side panel for H & C water dispenser                                             | No.  | 71.40          |
| I    |                                                                                     | ĺ    |                |

| S/No | Description                                                                                                                                                                                                                                                                    | Unit | Unit Cost (\$) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 37   | Inlet hose $W'$ (plastic) for H & C water dispenser inclusive of connectors (2 nos)                                                                                                                                                                                            | No.  | 6.80           |
| 38   | Plastic rim for H & C water dispenser                                                                                                                                                                                                                                          | No.  | 15.30          |
| 39   | Plastic cup holder (code : CRB ) for H & C water dispenser                                                                                                                                                                                                                     | No.  | 25.50          |
| 40   | Drip tray (complete set with outlet nozzle) for H & C water dispenser                                                                                                                                                                                                          | No.  | 25.50          |
| 41   | Insulation for reservoir for H & C water dispenser                                                                                                                                                                                                                             | No.  | 66.30          |
| 42   | PCB for operating lamp (with display lamp) for H & C water dispenser                                                                                                                                                                                                           | No.  | 51.00          |
| 43   | Plastic nut for H & C water dispenser                                                                                                                                                                                                                                          | No.  | 10.20          |
| 44   | Copper end cap for H & C water dispenser                                                                                                                                                                                                                                       | No.  | 10.20          |
| 45   | Pushing and reservoir for H & C water dispenser                                                                                                                                                                                                                                | No.  | 45.90          |
| 46   | Floor standing stainless steel water-cooler reciprocating type or rotary type, single phase hermetic compressor, power supply 220V/240V/IP/50Hz, capacity: 20-25 litres including 3 core power cable (1.5 M long) with 13A plug top model: GE123 or equivalent, (Hot and Cold) | No.  | 850.00         |
| 47   | Bubbler with lock nut                                                                                                                                                                                                                                                          | No.  | 45.90          |
| 48   | Bubbler chromium plated (inclusive of regulator and regulator holder                                                                                                                                                                                                           | No.  | 188.70         |
| 49   | Regulator valve                                                                                                                                                                                                                                                                | No.  | 59.50          |
| 50   | Regulator holder                                                                                                                                                                                                                                                               | No.  | 42.84          |
| 51   | Storage water tank ( evaporator tank )                                                                                                                                                                                                                                         | No.  | 142.80         |
| 52   | Condenser                                                                                                                                                                                                                                                                      | No.  | 81.60          |
| 53   | 'Y' strainer                                                                                                                                                                                                                                                                   | No.  | 5.10           |
| 54   | Drier - filter                                                                                                                                                                                                                                                                 | No.  | 5.10           |
| 55   | Lock nut for bubbler                                                                                                                                                                                                                                                           | No.  | 3.06           |
| 56   | To supply, install or replace angle bracket (aluminium) of sizes 35mm x 35mm x 3mm thickness x 200mm in length inclusive of expansion bolts                                                                                                                                    | No.  | 21.25          |
| 57   | Carbon type filter model : Cuno or equivalent                                                                                                                                                                                                                                  | No.  | 68.00          |
| 58   | Cartridge typ_e filter with or without housing                                                                                                                                                                                                                                 | No.  | 47.22          |
| 59   | Cold water faucet -lever type (complete set)                                                                                                                                                                                                                                   | No.  | 25.50          |
| 60   | Hot water faucet -lever type (complete set) complete with safety catch or device                                                                                                                                                                                               | No.  | 28.56          |

| S/No | Description                                                                                                                                                                                                                                                               | Unit | Unit Cost (\$) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 61   | Water pressure regulator                                                                                                                                                                                                                                                  | No.  | 46.75          |
| 62   | Waste water tray                                                                                                                                                                                                                                                          | No.  | 10.20          |
| 63   | Fan motor bracket                                                                                                                                                                                                                                                         | No.  | 30.60          |
| 64   | Fan motor (up to 1/2 HP )                                                                                                                                                                                                                                                 | No.  | 71.40          |
| 65   | Fan blade                                                                                                                                                                                                                                                                 | No.  | 10.20          |
| 66   | Rubber absorber                                                                                                                                                                                                                                                           | No.  | 2.55           |
| 67   | Overload relay                                                                                                                                                                                                                                                            | No.  | 16.32          |
| 68   | Potential relay                                                                                                                                                                                                                                                           | No.  | 35.70          |
| 69   | Capillary tube                                                                                                                                                                                                                                                            | No.  | 21.25          |
| 70   | Dehydrator / strainer                                                                                                                                                                                                                                                     | No.  | 8.67           |
| 71   | Thermostat-IC type                                                                                                                                                                                                                                                        | No.  | 114.75         |
| 72   | Thermostat                                                                                                                                                                                                                                                                | No.  | 55.25          |
| 73   | Selector knob                                                                                                                                                                                                                                                             | No.  | 3.06           |
| 74   | Charging of R22 refrigerant gas                                                                                                                                                                                                                                           | lbs  | 5.10           |
| 75   | Supply labour, tools and transport to dismantle and remove off site <i>I</i> relocate, re-install dispenser/ water cooler to new location including removing service and drainage pipes work. (Installation of service pipes and drainage pipes shall be paid separately) | No.  | 42.50          |
| 76   | Heating element c/w themostat for hot water dispenser                                                                                                                                                                                                                     | No.  | 102.17         |
| 77   | Lever switch for hot water dispenser                                                                                                                                                                                                                                      | No.  | 66.30          |
| 78   | Electronic pilot lamp for H & C water dispenser                                                                                                                                                                                                                           | No.  | 35.70          |
| 79   | Fuse (8A) for H & C water dispenser                                                                                                                                                                                                                                       | No.  | 5.10           |
| 80   | Wall mounted or table top hot & cold water dispenser 5 litre/hr heating capacity 85 deg C to 100 deg C, 2200W- 2500W with 3 pin plug wiring stainless steel                                                                                                               | No.  | 510.00         |
| 81   | Wall mounted or table top hot & cold water dispenser 7 litre/hr heating capacity 85 deg C to 100 deg C, 2200W- 2500W with 3 pin plug wiring stainless steel GE7ABL or e_guivalent                                                                                         | No.  | 578.00         |
| 82   | Wall mounted or table top hot & cold water dispenser 10 litre/hr heating capacity 85 deg C to 100 deg C, 2200W with 3 pin Qlug wiring stainless steel GE10BL or equivalent                                                                                                | No.  | 646.00         |

| S/No                                                                                                                   | Description                                                                                                                                                                | Unit        | Unit Cost (\$) |  |  |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--|--|
| 83                                                                                                                     | Wall mounted or table top hot & cold water dispenser 15 litre/hr heating capacity 85 deg C to 100 deg C, 2500W with 3 pin plug wiring stainless steel GE15BL or equivalent | No.         | 722.50         |  |  |
| 84                                                                                                                     | Wall mounted or table top hot & cold water dispenser 20 litre/hr heating capacity 85 deg C to 100 deg C, 2500W with 3 pin plug wiring stainless steel GE20BL or equivalent | No.         | 773.50         |  |  |
| 85                                                                                                                     | Filter holder                                                                                                                                                              | No          | 12.75          |  |  |
| 86                                                                                                                     | Copper tubing include couplings                                                                                                                                            | Set         | 29.75          |  |  |
| 87                                                                                                                     | Stainless steel stand for hot & cold watercoolers                                                                                                                          | No          | 212.50         |  |  |
| Schedule of Labour Rate for normal working hours (0830hrs – 1800hrs)                                                   |                                                                                                                                                                            |             |                |  |  |
| 88                                                                                                                     | Engineer                                                                                                                                                                   | Per<br>Hour | 27.20          |  |  |
| 89                                                                                                                     | Supervisor/Technical officer                                                                                                                                               | Per<br>Hour | 18.70          |  |  |
| 90                                                                                                                     | Senior Technician / Technician                                                                                                                                             | Per<br>Hour | 10.20          |  |  |
| Schedule of Labour Rate after normal working hours (1801hrs – 0829hrs), full day for Saturday, Sunday & Public Holiday |                                                                                                                                                                            |             |                |  |  |
| 91                                                                                                                     | Engineer                                                                                                                                                                   | Per<br>Hour | 34.00          |  |  |
| 92                                                                                                                     | Supervisor/Technical officer                                                                                                                                               | Per<br>Hour | 25.50          |  |  |
| 93                                                                                                                     | Senior Technician / Technician                                                                                                                                             | Per<br>Hour | 17.00          |  |  |

| S/No | Description                                                                                                                            | Unit | Unit Cost (\$) |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| 94   | To replace existing hot water dispenser to a wall hung hot and/or cold water dispenser (20 Litres) including piping & other connection | No.  | 1020.00        |
| 95   | To dismantle, supply and install rain shower set (Brand: KRISROZ or equivalent) with bath mixer                                        | No   | 408.00         |
| 96   | PVC steel wire reinforced hose for Portable water supply up to 2inch diameter                                                          | М    | 38.25          |