

**SUPPLY, DELIVERY AND COMMISSIONING OF
TWO (2) ELECTRIC POWERED, 2-SEATER CARGO CARRIERS
(WITH OPTION FOR THREE (3) MORE UNITS)**

A) JOB SPECIFICATIONS

- 1 To supply, deliver and commission 2 electric powered 2-seater cargo carriers.
- 2 The options are to be made available for exercise within 12 months of the date of the agreement for the 3 units.
- 3 The electric 2-seater cargo carriers are to be painted according to SATS corporate colour scheme.
- 4 All spares, materials and design are to be warranted for at least one year for defects.
- 5 State the delivery date in the submission of quotation upon confirmation of order.
- 6 Tenderers are required to state “Comply” or “Not Comply” in the attached technical specifications and enclose it together with the submission of quotation.
- 7 Final acceptance of the 2 electric powered 2-seater cargo carriers will be made subject to being successfully tested as specified and subject to them being operated by SAS for one calendar month experiencing any failure, irregularity in operation or abnormal wear.
- 8 Tenderers are required to state the make and model of the electric cargo carriers.
- 9 Tenderers are to submit the following:
 - 9.1 Price per unit, inclusive of freight charges, delivery at SATS Passenger Terminal;
 - 9.2 Delivery time from date of award; and
 - 9.3 Price of option unit.

10 Tenderers are to submit a 4 monthly and a half yearly maintenance for these buggies after the end of the warranty period. Tenderers are required to submit the details of the maintenance checklists and a list of spares with prices.

1) 4 monthly service price _____

2) half yearly service price _____

B) TECHNICAL SPECIFICATIONS FOR ELECTRIC POWERED, 2 SEATER CARGO CARRIERS

S/NO	ITEMS	DESCRIPTION	COMPLY/DOES NOT COMPLY
1	Model	Forward seating	
2	Batteries	Alternative 1: 6 units 220AH/ 8 volts high capacity maintenance free batteries; and Alternative 2: 6units 220 AH/ 8 volts high capacity lead acid batteries.	
3	System Voltage	48 volts	
4	Travel distance	Minimum 40km for full charge of 80% discharge batteries.	
5	Drive Axle	Direct drive in oil bath	
6	Motor	48 volts, 3 to 6 HP	
7	Speed	Maximum 25 kmph	
8	Tyres (front and rear)	Non marking soft solid tyres	
9	Brakes	4 wheels mechanical rear drum with hand operated parking brake	
10	Steering	Automotive steering	
11	Frame/chassis	All welded steel frame with alloy aluminium	
12	Bumper	Front and rear rubber bumpers	
13	Suspension	Heavy duty springs and shock absorbers front and rear	
14	Colour	Sats Corporate colour scheme	
15	Seat	Individual front seat cushions full width back seats (black)	
16	Controller	Solid state speed controller, 275 Amp, 48 volts	
17	Instrumentation	Battery status indicator, forward/reverse selector, key switch	
18	Light / Horn	Headlight, taillights, stoplight and reverse horn.	
19	Charger	Fully automatic, 21 amp DC output at 48 volts	
20	Charge Time	Maximum 4 for 80% discharge batteries	

S/NO	ITEMS	DESCRIPTION	COMPLY/DOES NOT COMPLY
21	Input voltage for charger	220 volt/1phase/50 Hz, 13 Ampere	
22	Turning radius	170cm to 335 cm	
23	Bed Load Size (Cargo bed inside dimensions)	179.1cm x 114.6cm x 23.5cm	
24	Bed Load Size (Flat bed inside dimensions less from kit)	171.8cm x 112cm	
25	Bed Load Height	68.6cm	
26	Bed Load Capacity	500kg	
27	Vehicle Load capacity	681kg	
28	Overall Dimensions L x W x H	338 to 340cm x 118 to 125cm x 121 to 123cm	
29	Strobe Light	Low energy intermittent blinker with blue cover and travel alarm wired on key switch	
30	Mirror	Side and rear mirror	
31	Floor	Fitted with anti-skid mat	
32	Warranty	One year warranty for defective spares and design	
33	Manuals	Two sets of operation manuals and two sets of maintenance/repair manuals to be supplied on delivery	
34	Cost per unit	Alternative 1(maintenance free batteries: _____; and Alternative 2 (lead acid batteries): _____.	

Submitted By

Name: _____

Designation: _____

Signature: _____

COMPANY STAMP

Date: _____