

TECHNICAL SPECIFICATION
ELECTRIC BUGGY CAR

Main Specification		PLEASE FILL IN YOUR PROPOSAL (OFFER)
Ser	Description	
(a)	(b)	(c)
(d)		
Essential		
1	<u>Model</u>	ELECTRIC BUGGY or equivalent to the specification
2	<u>General</u>	• The vehicle shall be new and complete with all necessary accessories, attachments and tools required for the vehicle to perform its intended function. • Materials and Electrical used in the manufacture shall be free from any kind of defects and faulty characteristic, which can affect the operation of the vehicle. • The vehicle shall be capable of continuous safe use and be fitted with the necessary safety items to provide user protection. • All offers shall incorporate a detailed list of compliance for all clauses of tender. Any variants or offer, which does not meet the requirement of the specification, shall be detailed in the document. Vendors who do not submit a compliance list are assumed to be non-responsive and shall be disregarded. • Anti-corrosion protection - Each vehicle shall be treated and undercoated against corrosion.
3	<u>Dimensions</u> • <u>Length</u> • <u>Width</u> • <u>Height</u> • <u>Wheelbase</u> • <u>Ground clearance</u>	• 3300 - 4000 mm • 1100 - 1500 mm • 1800 - 2000 mm • 2200 - 2800mm • 110- 200 mm
4	<u>Motor</u> • <u>Type</u> • <u>Capacity</u>	• Electric AC motor • 5-25 kW motor power



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5	<u>Battery</u> • <u>Type</u> • <u>Charger</u>	• 48V Free maintenance lithium ion batteries or equivalent • 48V on board charger		
6	<u>Chassis</u>	• As per manufacturer standard		
7	<u>Tyres</u>	• As per manufacturer standard		
8	<u>Suspension</u>	• As per manufacturer standard		
9	<u>Brakes</u>	• As per manufacturer standard		
10	<u>Driving range</u>	• At least 60km		
11	<u>Essential Requirement</u>	The Buggy should be fitted with the following: • Side step (if ground clearance is more than 180mm) • 6-seater (4 face forwards + 2 face rearward) • Front and Rear headlight • Rear and side view mirror • Canopy • Windscreen • Dust cover • Fire extinguisher • First Aid kit		
12	<u>Warranty</u>	• The warranty is to cover 24 months with effect from the acceptance/commissioning date by RBAF and should cover on bodywork and all conversion components from the date of acceptance by RBAF. • A Three (3) years warranty covering the cost of replacement parts which have failed due to poor manufacturer design.		
13	<u>Publication</u> • <u>Quantity required</u>	• Illustrated spare parts catalogue - As per vehicle. • Workshop Manual - As per vehicle. • User Handbook - As per vehicle. • Servicing schedule - As per vehicle. • Equipment Technical Description - As per vehicle • All the above in electronic format additionally.		



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	• <u>Illustrated Spare Parts Catalogue</u> • <u>Workshop Manual</u> • <u>User Handbook</u> • <u>Servicing Schedule</u> • <u>Equipment Technical Description</u>	• Covering positive identification on all parts of the complete equipment and shall include sufficient information to enable easy identification in the requisition of replacement parts. Clear and legible instruction shall supplement these lists such that parts relationship with the equipment can be easily determined. • Covering repair procedure and including technique up to overhaul level on all aspects of the complete equipment. • Covering general description, equipment specification, operating instruction of equipment and associated controls and shall emphasize all information essential for operation of complete equipment. • Covering maintenance procedure, fault diagnosis technique, the recommended periods between maintenance, lubrication chart and any special instructions covering all aspects of complete equipment. • Covering the operation of the component and sub-assemblies of equipment where the information is not contained within the Workshop Manual. The Equipment Technical Description will be used in instructing RBAF technician on repair technique.	
14	<u>Spare Scaling (Integrated logistic support)</u>	• A Two (2) year spare scaling is to be submitted for evaluation. One copy of Illustrated Spare Parts Catalogue is to be submitted with spare scaling. The spare scaling is to be listed in two sections: ◦ Those spares required for routine planned maintenance as called for the Servicing Schedule and Workshop Manual. ◦ Other spare parts lists that the manufacturer considers necessary to support the vehicle during a 2-years period. • All spare parts must have the following details supplied: ◦ Part Number. ◦ Current Price. ◦ Quantity. ◦ Chapter, section and item number where spare is listed in the Illustrated Spare parts catalogue	



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15	<u>Inspection</u>	Pre-Delivery inspection will be conducted by Three (3) personnel from RBAF / MINDEF. For this purpose, di'fares, hotel board, land transportation and cost shall be included in the offer.		
16	<u>Training</u>	- User level 1. - Maintenance 2nd and 3rd line repair and accreditation for personnel. - Accessible Transfer of information with CLID department regarding of in-depth repair.		
17	<u>Quality Assurance</u>	All items, parts and workmanship used in the production of the vehicle are to be of a high acceptable quality conforming to military specification (mil-std or def-stan) and British Standard (BS), or it's European, US, Japanese or equivalent. Manufacturer quality system certification to ISO 9001, EN, BS equivalent quality standards are included with tender for assessment.		
18	<u>Registration plate</u>	The supplier/agent is to supply plate registration number and liaise with SO1 Log, Dte of Logistics.		
19	<u>Commissioning</u>	The successful tender is required to commission the appliance in Negara Brunei Darussalam.		
20	<u>Colour</u>	Finish to Cavalry Blue		
Desirable				
Country Origin				

