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22 Chaitra 1429

06.06.0000.214.Re-eval.22/Freezer Van

05 April 2023

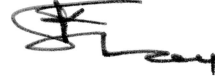
BOARD OF OFFICER - RE-EVALUATION OF FREEZER VAN (1.5 TO 2 TONS) FOR UN MISSION AND BANGLADESH ARMY

Reference:

A. Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate letter number 23.01.901.043.03.01.079.01.02.04.23 Dated 02 April 2023.

1. Please be informed that, Bangladesh Army is planning to procure Freezer Van (1.5 to 2 Tons) for UN Mission for adoption in Bangladesh Army. In this regard, you are requested to provide offer, Brochure, Catalogue, technical/training/operational/maintenance manuals and budgetary offers etcetera for standardization of models Freezer Van (1.5 to 2 Tons). Offered models should be compatible with general technical specification attached herewith and submits directly to Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate, Dhaka Cantonment by **20 May 2023** with intimation to this office. You are also requested to provide enlistment certificate of DGDP along with technical offer.

2. Forwarded for your information and necessary action please.



MD SHAHARIARE KHAN
Lieutenant Colonel
For Director General

Annexure:

A. Reviewed Technical Specification of Freezer Van (1.5 to 2 Tons) - 03 (Three) Pages only.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

Army Headquarters, General Staff Branch, Overseas Operations Directorate

Army Headquarters, General Staff Branch, Weapon Equipment and Statistic Directorate

Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate

Army Headquarters, Master General of the Ordnance Branch, Ordnance Directorate

Internal:

IT Section-(For sending to enlisted Supplier/Firm with DGDP through e-mail). Also publish in web site.

Notice Board

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Army Headquarters
Quarter Master General Branch
Supply and Transport Directorate
Dhaka Cantonment
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Telephone: Military 2622

23.01.901.043.03.01.079.01.02.04.23

02 April 2023

BOARD OF OFFICER - RE-EVALUATION OF FREEZER VAN (1.5 TO 2 TONS) FOR UN MISSION AND BD ARMY

Reference:

A. Army Headquarters, General Staff Branch, Weapon Equipment & Statistics Directorate letter number 23.01.901.028.02.026.01.16.03.14 (Truck Water & Freezer Van) dated 16 March 2014 (Not to all).

1. Reviewed Technical Specification for subject equipment (vehicle) is attached as Annexure A. You are requested to instruct different firms to send us necessary offer, Brochure, Catalogue, technical/training/operational/maintenance manuals and budgetary offers etcetera for standardization. Offered models should be compatible with our Reviewed Technical Specification and relevant details must be mentioned with clarity. **The offer should reach us by 20 May 2023.**

2. Forward for your information and necessary action please.



MOHAMMAD ABDUL KADER
Lieutenant Colonel
For President of the Board

Annexure:

A. Reviewed Technical specification of Freezer Van (1.5 to 2 Ton) - 01 (One) Set.

Distribution:

External:

Action:

Directorate General of Defence Purchase ✓

Internal:

Information:

Overseas Operation Directorate

Weapon Equipment & Statistics Directorate

Ordnance Directorate

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ANX 'A' TO
 AHQ, QMG'S BR (ST DTE)
 LTR NO 23.01.901.043.03.079.01
 DT: 02 APR 2023

TECHNICAL SPECIFICATION FOR FREEZER VAN (1.5 TO 2 TONS)

Ser	Nomenclature/ Description	Specification Specified	Must be filled by the manufacturer/ principal
1.	Nomenclature	Freezer Van (1.5 to 2 Ton)	
2.	Name of the Firm/Local Agent with Full Address	To be mentioned	
3.	Name of Principal's with Full Address	To be mentioned	
4.	Name of Manufacturer Name with Full address	To be mentioned	
5.	Make & Model :		
	a. Make	To be mentioned	
	b. Model	To be mentioned	
6.	Type	Freezer Van 1.5 to 2 Ton	
7.	a. Country of Origin	GP A/B/C	
	b. Country of Manufacture		
	c. Country of Assembly		
8.	Drive	Right hand drive, RHD 4x4	
9.	Dimension of (Truck and Wagon)		
	a. Overall length	5,500 mm (Minimum)	
	b. Overall width	2,100 mm (Minimum)	
	c. Overall Height	2,900 mm (Minimum)	
10.	Gross weight	5,000 kg (Minimum)	
11.	Kerb weight	2,620 kg (Minimum)	
12.	Pay load	a. Off road : 1500 kg (Minimum) b. On high way : 1900 kg (Minimum)	
13.	Wheel base	3,200 mm (Minimum)	
14.	Ground clearance	> 265 mm	
15.	Angle of approach	> 40 degree	
16.	Angle of departure	> 35 degree	
17.	Gradient	> 60%	
18.	Turning radius	6,600 mm (Maximum)	
19.	Cruising range	> 500 km	
20.	Fuel consumption	13 litres / 100 km @ 2/3 of top speed (Minimum)	
21.	Fuel tank capacity	90 litres (Minimum)	
22.	Towing capacity	1,500 kg to 2,000 kg on off Road (Minimum)	
23.	Engine type	Diesel engine	
	a. Country of Origin	GP A/B/C	
	b. Make & Model	To be mentioned	
	c. Bore and Stroke	To be mentioned	
	d. Piston Displacement	To be mentioned	
	e. HP	> 100 HP, rpm to be mentioned	
	f. No of cylinder	4/6 Cylinder	
	g. Power / weight ratio	To be mentioned	
	h. Fuel Injection system	To be mentioned	
24.	Transmission		
	a. Model	To be mentioned	
	b. Type	To be mentioned	
25.	Front axle		
	a. Type	To be mentioned	
	b. Axle capacity	2,150 kg (Minimum)	
26.	Rear axle		
	a. Type	To be mentioned	
	b. Axle capacity	3,500 kg (Minimum)	
27.	Suspension details		
	a. Front suspension	To be mentioned	
	b. Rear suspension	To be mentioned	
28.	Brake system	Disc/drum	
	a. Service brake	Dual circuit	
	(1) Front	Disc	
	(2) Rear	Drum	
	b. Parking brake	To be mentioned	
29.	Tyre		
	a. Tyre size	To be mentioned	
	b. Tyre brand	Bridgestone/Dunlop/Good year/ Yokohama / Toyo/ Uniroyal / Continental / Michelin/ Folda/ Firestone /Armstrong / AMTEL/ Pirelli / Hankook / Kumho.	
	c. Tyre manufacturers country	GP A/B/C	
	d. Tyre Type	Tubeless, steel belted radial	
	e. Tyre pattern	XZL Pattern OR similar	
	f. Wheel size	To be mentioned	
30.	Electric system		
	a. Voltage	24 Volt	

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Ser	Nomenclature/ Description	Specification Specified	Must be filled by the manufacturer/ principal
	b. Battery	2x12 Volt, 100 AH (Minimum)	
	c. Alternator (Volt & Amp)	To be mentioned	
	d. Starter (Volt & Kw)	To be mentioned	
31.	WAGON BODYWORK Food Grade insulation panel complying with United State Department of Agriculture (USDA). Exterior with Filon FRP (Functional Reactive Programme). Interior with Glasbord-P (FRP). Glasbord-P is a food grade material comply with the United State Department of Agriculture (USDA) 75 mm thick of Extruded PS (Polystyrene) insulation with density of 40 Kg/M ³ is inserted in between both materials. One rear butterfly door is provided. One drainage valve is at the right front of the insulation container.		
32.	a. Freezer exterior dimension	(1) Length : 2730 mm + 500 mm (Minimum) (2) Width : 2110 mm (Minimum) (3) Height : 2000 mm (Minimum)	
	b. Freezer Internal dimension	(1) Length : 2530 mm (Minimum) (2) Width : 1930 mm (Minimum) (3) Height : 1790 mm (Minimum)	
33.	Load capacity	1.5 to 2 ton	
34.	Thickness		
	a. Roof and floor	Roof 82 mm, Floor 105 mm (Minimum)	
	b. Other portion	82 mm (Minimum)	
35.	Total heat conductivity	0.025 W/mk, In accordance with (IAW) British Standard 4370 Method 7) (Minimum)	
36.	Air leakage route	Within International Standard Organization limit.	
37.	Refrigerating Unit.		
	a. Compressors	(1) Compressor cooling capacity not less than 7033.6 watt with self-vacuum valve. (2) To be run by Separate Diesel Engine/ Engine of the vehicle and 380-440 Volt 3 Phase 50 Hz Electrical power independently.	
	b. Temperature (Controllable)	Up to -20°C (minus twenty degrees centigrade), should be controllable from driver's cabin.	
	c. Evaporator and condenser	Compatible with compressor mentioned.	
	d. Display unit cum control panel for temperature	LCD/LED and Digit/Alphabet Colour Green preferred.	
	e. Country of origin for compressors, condenser, Evaporator, Sensors, Display units, AC Conductors, Microcontroller/ PLC etc.	GP A/B/C	
38.	Accessories to be provided with each vehicle		
	a.	01 Set x Spare wheel complete with lifting and lowering facility.	
	b.	01xPintle hook rotating type at rear.	
	c.	02xTowing hook / pin at front	
	d.	02xTie down shackle at front left	
	e.	01x Jerrican with fitting bracket	
	f.	02x Out side rear view mirror	
	g.	03x Sunvisor inside cabin	
	h.	03x Seat belt for front passenger.	
	j.	02x Wind shield wipers	
	k.	02x Reflector at rear	
	l.	01x Map Reading light inside cabin.	
	m.	02x Fog Lamp at front.	
	n.	01x Tyre Inflator hose 10 meter with nozzle & adaptor.	
	p.	02x Rubber bumper at rear	
	q.	01x Number plate light at rear Right Hand.	
	r.	01x Fire Extinguisher 1 Kg ABC&E dry powder type with fitting bracket near driver seat.	
	s.	01 Set x Floor mat inside cabin.	
	t.	01x Electrical cable for stand by power supply with both side plug 20 meters.	
	u.	01x Wooden block.	
39.	Blackout lights (NATO STANDARD)		
	a.	02x Side light at front.	
	b.	02x Rear combination light	
	c.	01x Driving light at front Right Hand.	
40.	Tools set : Following to be provided with each vehicle :		
	a.	01x Hydraulic jack assy capacity 10 ton with handle.	
	b.	01x wheel wrench with handle.	
	c.	01xAdjustable wrench 200mm.	
	d.	01x Pliers 150 mm.	
	e.	01x Screw driver (+-) with handle.	
	f.	01 Set x Double ended spanner, Size : 8x9 mm, 10x11 mm, 12 x14 mm, 13x17 mm & 19x22 mm.	
	g.	02x Stopper wheel.	
	h.	01x Grease gun with replaceable tip.	
	j.	01x Tyre pressure gauge 160 PSI.	
	k.	01x Hammer with handle.	
	l.	01x Allen key.	

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Ser	Nomenclature/ Description	Specification Specified	Must be filled by the manufacturer/ principal
	m. 02x Socket, size : 17 mm, 10x11 mm.		
	n. 01x Tool bag for above tools.		
41.	Publications		
	a. Operators manual in English complete set book type.	To be provided as per requirement of EME Dte.	
	b. Workshop manual in English complete set book type.	To be provided as per requirement of EME Dte.	
	c. Spare parts Catalogue in English complete set book type.	To be provided as per requirement of EME Dte.	
	d. Updated spare parts price list (Book type).	To be provided as per requirement of EME Dte.	
42.	Color :	White with black UN marking.	
43.	Other technical facilities for Freezer Van :		
	a. Outer surface of Freezer Van should be made of rust proof metal and painted by white colour with thick film which should have water resistant capacity.		
	b. Floor of Freezer Van should be made of heavy thick stainless steel sheet with 3 cm thick plastic rubber.		
	c. The Freezer Van should have stand by 3 phase A/C (Alternating Current) 50Hz line for use in outside power supply.		
	d. Other condition :		
	(1) Spares will be available for at least 05 years (Certificate by manufacturer)		
	e. A Robust frame structure made of alloy metal has to be provided surround the container of Freezer Van.		
	f. The doors should have heavy duty locking facility with extra pad lock system.		
	g. The Freezer Van should have adequate lighting facility inside the container.		
	h. The Freezer Van should have capability to maintain 20 degree Celsius temperature which to be suitable to operate in Bangladeshi weather condition.		
44.	Training and Training Aids.	To be provided as per Requirement.	
45.	Manufacturer recommended spare parts price list for 05 years of all fast & slow moving spare parts showing unit price to be submitted with the offer.		

Note: Following information's/documents to be submitted along with the offer:

a.	Details of working principle.
b.	After sales service details to be mentioned.
c.	Approximate FOB price
d.	Arrangement with the firm for training and PSI of person for operation and maintenance (Country to be mentioned).
e.	Same Local Agent representing more than one model in the same category will not be approved for standardization.
f.	Any other relevant technical information may also be enclosed.

02/04/23