

Directorate General Defence Purchase
Ministry of Defence
New Airport Road
Tejgaon, Dhaka-1215
Tel: Mil-7156/Civ: 9122363
Fax 880-2-9122362

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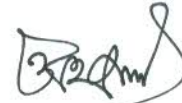
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October 2017

EVALUATION OF FUEL/GASOLINE TANKER/BOWSER (10000L CAP) FOR BANGLADESH ARMY

Reference:

A. AHQ, QMG Branch, ST Dte letter No. 23.01.901.043.03.01.079.01.28.09.17 dated 28 September 2017.

1. It is intimated that, standardization of suitable models of Fuel/Gasoline Tanker/Bowser (10000L cap) for Bangladesh Army is under process. In this regard, you are requested to forward necessary brochures/catalogues, parts catalogue, spare parts price list, operation manual and Workshop/repair manual in original to support the information supplied in the General Technical Specification. Information on original brochures/catalogues to be highlighted and be marked as per serial number in Annexure. After sales of the vehicle the repair and maintenance support available locally are also to be mentioned in detail and budgetary offers (each in duplicate) for the models of Fuel/Gasoline Tanker/Bowser (10000L cap) directly to AHQ, QMG Branch, ST Directorate, Dhaka Cantonment by 08 October 2017 with an intimation to this office, offered models should be compatible with specification attached as Annex A to this letter.
2. Forwarded for your information and necessary action please.



MD WAHIDUR RAHMAN
Lieutenant Colonel
For Director General

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

AHQ
QMG Branch, ST Dte
Dhaka Cantonment

Internal:

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

Notice Board

TECHNICAL SPECIFICATION OF FUEL/GASOLINE TANKER/BOWSER - (10,000L CAP)

Ser	Description	Specification	Rmk
1.	Nomenclature	Fuel/Gasoline Tanker/Bowser - (10,000L Cap)	
2.	Name and Address of Manufacturer	To be mentioned	
3.	Name and Address of Principal	To be mentioned	
4.	Name and Address of Local Agent	To be mentioned	
5.	Vehicle Make & Model	To be mentioned	
6.	Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark,	
7.	Country of Manufacture	Finland, Germany, France, Hungary, Italy, Ireland,	
8.	Country of Assembly	Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey, South Korea	
9.	Overall Dimension.		
	a. Length	To be mentioned	
	b. Width	To be mentioned	
	c. Height	To be mentioned	
10.	Truck Specification.		
	a. Make and model	To be mentioned	
	b. Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark,	
	c. Country of Manufacture	Finland, Germany, France, Hungary, Italy, Ireland,	
	d. Country of Assembly	Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey, South Korea	
	e. Year of manufacture	Not before the year of contract	
	f. Drive	Right hand drive	
	g. Configuration	6x6 (Minimum)	
11.	Dimensions (Vehicle)		
	a. Overall length	To be mentioned	
	b. Overall width	To be mentioned	
	c. Overall height	To be mentioned	
12.	Kerb weight	To be mentioned	
13.	Pay load	To be mentioned	
14.	Gross vehicle weight	To be mentioned	
15.	Overall load bearing capacity	To be mentioned	
16.	Wheel base	To be mentioned	
17.	Gradeability	20° (minimum)	
18.	Ground clearance	295mm (minimum)	
19.	Angle of approach	25° (minimum)	
20.	Angle of departure	25° (minimum)	
21.	Min turning radius	9.5m (maximum)	
22.	Front overhang	To be mentioned	
23.	Rear overhang	To be mentioned	
24.	Height of bed	To be mentioned	
25.	Cabin height from ground to top	To be mentioned	
26.	Tread front	To be mentioned	
27.	Tread rear	To be mentioned	
28.	Fuel consumption per 100km	To be mentioned	
29.	Cruising range	To be mentioned	
30.	Fording depth	0.8m (minimum)	
31.	Tyre.		
	a. No of wheel including spare tyre	To be mentioned	
	b. Size of Tyre	To be mentioned	
	c. Tyre type	To be mentioned	
	d. Tyre brand	Bridgestone/ Dunlop/ Good year/ Yokohama/ Univocal/ Continental/ Michelin/ Toyo/ Folda/ Firestone/ Armstrong/ AMTEL/ Pirelli/ Hankook/ Kumho	
	e. Rim size	To be mentioned	
	f. Country Origin	USA, Japan, EU countries, Russia, Brazil,	

Ser	Description	Specification	Rmk
		Indonesia, Malaysia, Philippine, Singapore, Thailand and South Korea	
	g. Tread pattern	ND, GG, CC (Non-Directional, Ground Grip, Cross Country)	
32.	Chassis frame dimension	To be mentioned and catalogue/ diagram to be provided	
33.	Chassis frame resistance to bending moment	The truck chassis should be capable to carry offered pay load. The chassis will be the cracked/ fractured and no other defects will arise upto 10 years.	
34.	Cab System	Tilt Cab, roof hatch, AC, heater with variable speed fan, adjustable driver seat, rear windows.	
35.	Seat capacity	To be mentioned	
36.	Engine.		
	a. Make & Model	To be mentioned	
	b. Type	Diesel engine	
	c. Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark, Finland, Germany, France, Hungary, Italy, Ireland, Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey, South Korea	
	d. Country of Manufacturer		
	e. Country of Assembly		
	f. No of Cylinder	Minimum 6 Cylinder	
	g. Bore & stroke	To be mentioned	
	h. Displacement	8.5 L (Minimum)	
	j. Max Horse power with rated rpm	320 HP (Minimum)	
	k. Compression ratio	To be mentioned	
	l. Max torque with rated rpm	Minimum 1450 Nm with rpm to be mentioned	
	m. Fuel injection pump	To be mentioned	
37.	Transmission.		
	a. Model	To be mentioned	
	b. Type	To be mentioned	
	c. No of gear	Minimum 05 forward, 01 reverse	
	d. All gear ratio	To be mentioned	
38.	Power to weight ratio	14 (Minimum)	
39.	Windshield glass	Laminated type	
40.	Clutch type	Detail to be mentioned	
41.	Axle.	To be mentioned	
	a. No of axle	To be mentioned	
	b. Front Axle.		
	(1) Type	To be mentioned	
	(2) Pay Load	To be mentioned	
	c. Rear Axle.		
	(1) Type	To be mentioned	
	(2) Pay Load bearing capacity	To be mentioned	
42.	Fuel tank capacity	To be mentioned	
43.	Brake.		
	a. Service brake	To be mentioned	
	b. Parking brake	To be mentioned	
	c. Emergency brake (if any)	To be mentioned	
	d. Exhaust brake (if any)	To be mentioned	
	e. Any other brake (if available)	To be mentioned	
44.	Steering	Power steering system	
45.	Suspension.		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
46.	Electric System :		
	a. Voltage	24 Volt	
	b. Battery	2x12V, AH to be mentioned	
	c. Alternator	Volt & Amp to be mentioned	

Ser	Description	Specification	Rmk
	d. Self-starter	Volt & KW to be mentioned	
47.	Lighting System.	All normal lights including fog lights, indicators light, marker light and following blackout lights NATO standard to be provided	
	a. 01 x Blackout head light at front right side NATO standard	To be provided	
	b. 02 x Blackout side light at front left & right side NATO standard	To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard	To be provided	
	d. 01 x Convoy light at rear NATO std	To be provided	
48.	Accessories.		
	a. 01 x Pintle hook military pattern at rear.	To be provided.	
	b. 02 x Towing hook at front (NATO Standard)	To be provided	
	c. 01 x Spare wheel lifting facilities	To be provided. (Spare wheel to complete with tilting attachment and lifting facilities)	
	d. 02 x Sun visor	To be provided	
	e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country.	To be provided	
	f. 01 x Tyre inflation hose with adapter and nozzle	To be provided	
	g. Winch (Recovery)	To be provided	
49.	Standard maintenance tools incl tool box	To be provided (details list of manufacturer's standard maintenance tools to be provided along with the offer)	
50.	Tank.		
	a. Make and Model	To be mentioned (details along with drawing / catalogue to be provided with offer)	
	b. Capacity	Min 10,000 litres	
	c. Tank material	To be mentioned	
	d. No of manhole with opening	03 Nos (Minimum)	
	e. No of compartment inside the tank	02 Nos (Minimum)	
	f. No of baffles in each compartment	03 Nos (Minimum)	
51.	Pump (Suction & Delivery both).		
	a. No of Pump	To be mentioned	
	b. Model	To be mentioned	
	c. Capacity	To be mentioned	
	d. Drive	Driven by PTO	
	e. Pump head	To be mentioned	
	f. Dispensing unit with resettable flow meter	To be provided	
52.	Delivery hose complete with coupling.		
	a. No of Hose	02 Nos. Reel with delivery hose to be provided	
	b. Length of hose	50m (Minimum)	
	c. Dia of hose pipe	25mm (Minimum)	
53.	Suction pipe complete with coupling.		
	a. No of pipe	To be mentioned	
	b. Length of pipe	10M (Min)	
	c. Dia of pipe	50mm (Min)	
	d. Type of pipe	Double armoured	
54.	Delivery line	The tank shall have delivery line (dia to be mentioned) at the bottom from both compartments along with the gate valve.	
55.	Fittings	To be mentioned (details of manufacturer's standard fittings to be mentioned)	

