FOR OFFICIAL USE ONLY

Directorate General Defence Purchase Ministry of Defence New Airport Road Tejgaon, Dhaka-1215 Telephone: Military 5036

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06.06.0000.214.Re-eval.22/Truck Water & Tanker

03 April 2023

BOARD OF OFFICER - EVALUATION OF TRUCK WATER (UPTO 5000 LITERS) & TRUCK TANKER (UPTO 5000 LITERS) FOR UN MISSION

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 Truck Water (upto 5000 Liters) & Truck Tanker (upto 5000 Liters) for UN Mission. In this regard, you are requested to provide offer, Brochure, Catalogue, technical/training/operational/maintenance manuals and budgetary offers etcetera for standardization of models Truck Water (upto 5000 Liters) & Truck Tanker (upto 5000 Liters). 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. Technical Specification of Truck Water (upto 5000 Liters) - 04 (Four) Pages only.

D .	reclinical opecification of Tru	ck Tanker (upto 5000 Liters) - ()4 (Four) Pages only
Distribu	ution:		

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

Army Headquarters

Quarter Master General Branch Supply and Transport Directorate Dhaka Cantonment

E-mail: eval.stdteahg@gmail.com

Telephone: Military-2622

23.01.901.043.03.01.079.01.02.04.23

April 2023

BOARD OF OFFICER-EVALUATION OF TRUCK WATER (UPTO 5000 LITERS) & TRUCK TANKER (UPTO 5000 LITERS) FOR UN MISSION

References:

Army Headquarters, General Staff Branch, Weapon Equipment & Statistics Directorate letter number letter no 23.01.901.028.02.026.01.24.02.22/Truck Tanker dated 27 February 2022 (Not to all).

Army Headquarters, General Staff Branch, Weapon Equipment & Statistics Directorate letter number letter no 23.01.901.028.02.026.02.24.02.22/Truck Tanker dated 27 February 2022 (Not to all).

- Technical Specification for subject equipment (vehicle) is attached as Annexure A and B. 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 Technical Specification and relevant details must be mentioned with clarity. The offer should reach us by 20 May 2023.
- Forward for your information and necessary action please.

MOHAMMAD ABDUL KADER Lieutenant Colonel For President of the Board

Annexure:

Technical specification of Truck Water (Upto 5000 Liters) - 01 (One) Set.

Technical specification of Truck Tanker (Upto 5000 Liters)- 01 (One) Set. B

Distribution:

External:

Action:

Directorate General of Defence Purchase

Internal:

Information:

Overseas Operation Directorate

Weapon Equipment & Statistics Directorate

Ordnance Directorate

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

1

TECHNICAL SPECIFICATIONS OF TRUCK WATER (UPTO 5,000 LITRES)

Ser	Description	Specification Specified	Must be filled up by manufacturer/ Principal
1.	Nomenclature	Truck Water (Upto 5,000 Litres)	
2.	Name and Complete Address of Manufacturer	To be mentioned	
3.	Name and Complete Address of Principal	To be mentioned	
4.	Name and Complete Address of Local Agent	To be mentioned	
5.	Vehicle Make & Model	To be mentioned	
3.	Country of Origin	Gp A/B/C	
7.	Country of Manufacture	Gp A/B/C	
3.	Country of Assembly	Gp A/B/C	
).).	Year of Production / Manufacturer	Not before the year of contract	
).	Overall Dimensions.	That borrow the year of borrows	
	a. Length	To be mentioned	
	b. Width	To be mentioned	
	c. Height	To be mentioned	
uck	Specification.		
	a. Make and model	To be mentioned	
	b. Country of Origin	Gp A/B/C	
	c. Country of Manufacture	Gp A/B/C	
		Gp A/B/C	
	d. Country of Assembly		
	e. Year of manufacture	Not before the year of contract	
	f. Drive	Right Hand Drive (RHD)	
	g. Configuration	4x4 (Minimum)	
2.	Dimensions (Vehicle)		
	a. Overall length	To be mentioned	
	b Overall width	To be mentioned	
	c. Overall height	To be mentioned	
	Kerb weight	To be mentioned	,
	Pay load	Minimum 8 Ton	
),	Gross vehicle weight	To be mentioned	
). S.	Overall load bearing capacity	To be mentioned	
	Wheel base	To be mentioned	
7		20° (minimum)	
3.	Gradeability		-
). ,	Ground clearance	295mm (minimum)	
) }	Angle of approach	25 ⁰ (minimum)	
	Angle of departure	25° (minimum)	
2.	Min turning radius	10 M (maximum)	
3.	Front overhang	To be mentioned	
	Rear overhang	To be mentioned	
).	Height of bed	To be mentioned	
5.	Cabin height from ground to top	To be mentioned	
7.	Tread front	To be mentioned	
3.	Tread rear	To be mentioned	
	Fuel consumption per 100km	To be mentioned	
9.		500 Km (minimum)	
).	Cruising range		
	Fording depth	750mm (minimum)	
2.	Tyre.	- Lander of the Control of the Contr	
	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/Goodyear/Yokohama/ Toyo/	
		Uniroyal/ Continental/Michelin/Folda/ Firestone/	
		Armstrong/AMTEL/Pirelli/Hankook/ Kumho	
	e. Rim size	To be mentioned	
	f. Country Origin	Gp A/B/C	1
	g. Tread pattern	ND, GG, CC (Non-Directional, Ground Grip, Cross	
		Country)	
S.	Chassis Frame.		T
	a. Make	To be mentioned	
	b. Country of Origin	Gp A/B/C	
	c. Country of Manufacture	Gp A/B/C	
1	d. Country of Assembly	Gp A/B/C	
)	e. Type	To be mentioned (Parallel section high tensile steel)	
	f. Length, width, height and thickness of	To be mentioned. Diagram/catalogue to be	
	chassis frame	provided with offer.	
	g. Chassis frame Resistance to Bending	The truck chassis must be capable to resist the	-
	Moment	bending me ement of the tank with payload. The	
		chassis will not be cracked/ fractured and no other	
	1 10	Chassis will arise up to 10 years. (Chassis	
		manufacturer's certificate to be provided with details	
		calculation).	
	Cab System	Tilt Cab, roof hatch, AC, heater with variable speed	
	Can System	fan, adjustable driver seat, rear windows (Country	
		of origin, manufacturer & assembly and capacity for	
	· · · · · · · · · · · · · · · · · · ·	AC to be mentioned).	
	Sact canacity	To be mentioned.	
	Seat capacity	To be mentioned	
	Engine.	79 1	
	a Make & Model	To be mentioned	
	b. Type	Diesel engine	
	c. Country of Origin	Gp A/B/C	
	d. Country of Manufacturer	Gp A/B/C	
		Gp A/B/C	
	e. Country of Assembly		
		Minimum 6 Cylinder	
	f. No of Cylinder	Minimum 6 Cylinder To be mentioned	
		Minimum 6 Cylinder To be mentioned 6.5 L (Minimum)	1

		RESTRICTED	
er	Description	Specification Specified	Must be filled up by
			manufacturer/ Principal
	k. Compression ratio	To be mentioned	
	Max torque with rated rpm	Minimum 1100 Nm with rpm to be mentioned	
	m. Fuel injection pump	To be mentioned	
1	n. Engine test bench certificate	During inspection Engine Test Bench Report (for	
- 1	The Languist Cost of the Cost	each model) which was prepared by manufacturer	
		during production of engine at manufacturing	
		factory must be produced and submitted to the PSI	
-		team for each model (duly signed and stamped by	
	*	the manufacturer). Other engines (mentioning	
		engine number) of the same model must be	
1		certified confirming the engine Test Bench Report	
		by the manufacturer (duly singed and stamped).	
1	p. Engine life before 1 st overhaul	Details to be mentioned	and the state of t
-	g. Cooling system	Water cooled /Liquid cooled	
		Water cooled /Liquid cooled	
	Transmission.		
	a. Type	To be mentioned	
	b. Make & Model	To be mentioned	
	c. Country of origin, manufacture and	Gp A/B/C	
	assembly		
		To be mentioned	
	d. No of Gear		
	e. All gear ratio	To be mentioned	
	Transfer Case.		
	a. Make and model	To be mentioned	
- 1	b. Country of origin, manufacturer &	Gp A/B/C	
	assembly		
1		To be mentioned	
	c. Transfer case gear ratio		
	Power to weight ratio	To be mentioned	
	Windshield glass	Laminated type	
	Clutch type	Detail to be mentioned	
	Axle.		
	a. Number of axle	To be mentioned	
		TO DO INCINIONO	
	b. Front Axle.		
	(1) Type	To be mentioned	
	(2) Make & Model	To be mentioned	
	(3) Pay Load	To be mentioned	
	(4) Country of Origin, Manufacturer &	Gp A/B/C	
		Gp A/b/C	
	Assembly		
	c. Rear Axle.		
	(1) Type	To be mentioned	
	(2) Make & Model	To be mentioned	
	(3) Pay Load bearing capacity	To be mentioned	
		Gp A/B/C	
	(4) Country of Origin, Manufacturer &	GP A/b/C	
	Assembly		
	Fuel tank capacity	To be mentioned	
	Brake System.		
	a. Service brake	To be mentioned	(
	b. Parking brake	To be mentioned	
	c. Exhaust brake (If any)	To be mentioned	
	d. Emergency Brake (If any)	To be mentioned	
	e. Any other brake (if available)	To be mentioned	
	Steering	Power steering system	
		1 ower steering system	
. 1	Suspension.		
j	a. Front	To be mentioned	
	b. Rear	To be mentioned	
	Electric System:		
		24 Volt	
	a. Voltage	2x12V, AH to be mentioned	
	b. Battery		
	c. Alternator	Volt & Amp to be mentioned	
	d. Self-starter	Volt & KW to be mentioned	
	Lighting System	All normal lights including fog lights, indicators light,	
	The state of the s	marker light and following blackout lights NATO	
		standard to be provided	
	Od - Olesland Familian I Carl Call Call		
	a. 01 x Blackout head light at front right side	To be provided	
	NATO standard		
	b. 02 x Blackout side light at front left & right	To be provided	
	side NATO standard		1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	side NATO standard	To be provided	i .
	c. 02 x Blackout combination (side & stop)	To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard		
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std	To be provided To be provided	
, ,	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories.	To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories.		
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard)	To be provided To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories.	To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard)	To be provided To be provided To be provided	(
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a. 01 x Pintle hook Rotary type (NATO Standard) b. 02 x Towing hook at front (NATO Standard)	To be provided To be provided To be provided To be provided. (Spare wheel to complete with	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO	To be provided To be provided To be provided To be provided. (Spare wheel to complete with	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.)	1
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a. 01 x Pintle hook Rotary type (NATO Standard) b. 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.)	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a. 01 x Pintle hook Rotary type (NATO Standard) b. 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country.	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country.	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided	(
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a. 01 x Pintle hook Rotary type (NATO Standard) b. 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided	
	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of	
	C. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery)	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned.	
4	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a. 01 x Pintle hook Rotary type (NATO Standard) b. 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned. To be provided (details list of manufacturer's	
4	C. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery)	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned.	
4	C. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery)	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned. To be provided (details list of manufacturer's	
).).	C. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery)	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned. To be provided (details list of manufacturer's standard maintenance tools to be provided along	
\)). ank.	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery) Standard maintenance tools incl tool box	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned. To be provided (details list of manufacturer's standard maintenance tools to be provided along with the offer)	
4,	C. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery)	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned. To be provided (details list of manufacturer's standard maintenance tools to be provided along with the offer) To be mentioned (details along with drawing /	
\	c. 02 x Blackout combination (side & stop) light at rear left & right side NATO Standard d. 01 x Convoy light at rear NATO std Accessories. a 01 x Pintle hook Rotary type (NATO Standard) b 02 x Towing hook at front (NATO Standard) c. 01 x Spare wheel lifting facilities d. 02 x Sun visor e. 01 x Hydraulic jack minimum 10 ton capacity, origin to be confirmed from group A country. f. 01 x Tyre inflation hose with adapter and nozzle g. Winch (Recovery) Standard maintenance tools incl tool box	To be provided To be provided To be provided To be provided. (Spare wheel to complete with tilting attachment and lifting facilities.) To be provided To be provided To be provided To be provided. Capacity of winch, length and dia of rope to be mentioned. To be provided (details list of manufacturer's standard maintenance tools to be provided along with the offer)	

A-Z

(DEUSU123

- 1	Description	Specification Specified	Must be filled up by manufacturer/ Principal
-		Minimum 4500-5000 litres	
1	d lankinatenai	To be mentioned 02 Nos (Minimum)	(
	e No of mannole with opening	02 Nos (Minimum)	ľ
		02 Nos (Minimum)	
	n No or parites in each comparation	02 Nos (Miniman)	
	Pump (Suction & Delivery both).	To be mentioned	
	a. Brand b. No of Pump	To be mentioned	
		To be mentioned	
4	c. Make and Model d. Country of Origin & Manufacturer	Gp A/B/C	
)	e. Capacity	5,000 L/H	
	f. Drive	Driven by PTO	
	g. Pump head	Minimum 10 m suction head	
	h Delivery head	To be mentioned	
	j. Dispensing unit with resettable flow meter	To be provided	
	Delivery hose complete with coupling.	To be mentioned	
	a. Brand	Gp A/B/C	
	b. Country of Origin	To be montioned	
	c. Materials	02 Nos. Reel with delivery hose to be provided	
	d No of Hose	50m (Minimum)	
	e. Length of hose	50mm (Minimum)	
	f. Dia of hose pipe Suction pipe complete with coupling.		
‡.	a. Brand	To be mentioned	
	b. Country of Origin	Gp A/B/C	,
	c. Materials	To be mentioned	
	d. No of pipe	To be mentioned	
	e. Length of pipe	50 m (Minimum)	
	f. Dia of pipe	Sornm (Minimum) Double armoured	
	g. Type of pipe	The test shall have delivery line (dia to be	1
5.	Delivery line	mentioned) at the bottom from both compartments	
		the state valve	
	CONTRACTOR OF THE PROPERTY OF	To be mentioned (details of manufacturers	
6.	Fittings	-t-ndord fittings to be mentioned)	
57.	Steel ladder	The took chall have steel platform and access	
		ladder at the rear and a steel catwalk on the top	
,		and both sides of tank body of std size. Manhole/filling port, step riser with ladder and easy	
		washable system with drain pipe and a nozzle (to	
		l ltiemad)	
		00 - Fire Extinguisher ABC&F type with chemical &	
58.	Fire Extinguisher	brackets to be provided (Capacity and origin to be	
		mentioned)	
59.	Color.		
59.	a. Inside paint (Tank)	Without paint suitably prepared for drinking water	
	b. Outside colour	White Colour with UN writing (DUCO Paint Nitro	
	o. Oddolas and	Cellulose Based)	
60.	POL Information: The following information m	To be provided	
	a. Detail maintenance schedule of vehicle &	10 be brovided	
	engine.	To be mentioned	
	b. Grade of diesel used in vehicle.	To be mentioned (should be compatible with the	
	c. Grade of diesel to be used in Bangladesh (BD)	available grade of Bangladesh)	
	and the second in wahicle	T- he montioned	
	d. Grade of engine oil used in vehicle. e. Grade of engine oil to be used in	To be mentioned (should be compatible with the	
		available grade of Bangladesh)	
	Bangladesh (BD). f. Grade of gear oil used in vehicle.	To be mentioned	
	g. Grade of gear oil to be used in Bangladesh	To be mentioned (should be compatible with the	
	(BD).	available grade of Bangladesh)	
61.	Training Requirements	To be provided (As per User/Sponsor Directorate)	
2	a User Training	To be provided (As per User/Sponsor Directorate) To be provided (As per requirement of EMB	
	b. Operation, Repair and Maintenance	Directorate	
	Training	Directorate) To be provided (As per requirement of Ordnance	e
	c. Equipment Management Training	Directorate)	
	3	Directorate)	
62.	Publications		
62.	Publications a. Driver's/Owners Manual in English for	To be provided as per the requirement of EMI	
62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type)	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI	
62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type)	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E
62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type) c. Spare Parts Catalogue in English Book	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E E
62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type) c. Spare Parts Catalogue in English Book	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E E
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62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type) c. Spare Parts Catalogue in English Book type. d. Spare Parts Price Catalogue in English	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E
62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type) c. Spare Parts Catalogue in English Book type. d. Spare Parts Price Catalogue in English Book type. e. Other Operator's manuals Catalogue (Book Type) for additional equipment like	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E
62.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type) c. Spare Parts Catalogue in English Book type. d. Spare Parts Price Catalogue in English Book type. e. Other Operator's manuals Catalogue (Book Type) for additional equipment like	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E
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63.	Publications a. Driver's/Owners Manual in English for vehicle (complete Book Type) b. Updated Workshop/Repair Manual (for vehicle) in English (complete Book Type) c. Spare Parts Catalogue in English Book type. d. Spare Parts Price Catalogue in English Book type. e. Other Operator's manuals Catalogue (Book Type) for additional equipment like Radio, Navigational Equipment etc List of spares Special Service Tools (SST)	To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate To be mentioned To be provided as per the requirement of EMI Directorate To be provided as per the requirement of EMI Directorate	E
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		TREGITATED	
Ser	Description	Specification Specified	Must be filled up by manufacturer/ Principal
	 Measuring gauges/ meters with counter met 	er to be provided with suction/delivery pump.	
	 f. All gauges meters including dashboard sho system). 	ould be provided with MKS / CGS system (i.e. metric	
		netric system, driving mirrors, cabin lights etc will be dard. The vehicle will have to be provided with tyre	
	h. Tank to be furnished with earthing wire, trailing tank & driver's cabin.		
	Exhaust and silencer pipe should be at front.		
	k. Fast and slow moving spare parts to be provided as per requirement of EME Dte.		
	The equipment should have minimum 10 years model validity.		
67.	Inspections		
	a. Stage inspection	Name of places/location (factory/plants etc) for stage inspection of major components to be mentioned	
	b. Pre-shipment inspection (PSI)	Address to be mentioned	

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.
	Approximate FOB price
	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 englaced

ANX 'B' TO AHQ, OMG'S BR (ST DTE) LTR NO 23.01.901.043.03.079.01 DT: 07 APR 2023

TECHNICAL SPECIFICATIONS OF TRUCK TANKER (UPTO 5,000 LITRES)

er	Description	Specification Specified	Must be filled up by manufacturer/ Principal
	Nomenclature	Truck Tanker (Upto 5,000 Litres)	
-	Name and Complete Address of Manufacturer	To be mentioned	
	Name and Complete Address of Principal	To be mentioned	
4	Name and Complete Address of Local Agent	To be mentioned	MARIE AND ADDRESS OF THE PARTY
į	Vehicle Make & Model	To be mentioned	
	Country of Origin	Gp A/B/C	
	Country of Manufacture	Gp A/B/C	
	Country of Assembly	Gp A/B/C Not before the year of contract	
	Year of Production / Manufacturer	Not before the year of contract	
	Overall Dimensions.	To be mentioned	
	a. Length	To be mentioned	
	b. Width	To be mentioned	
	c. Height	To be mentioned	
	Truck Specification.	To be mentioned	
	a. Make and model	Gp A/B/C	
	b. Country of Origin	Gp A/B/C	
	c. Country of Manufacture	Gp A/B/C	
	d. Country of Assembly	Not before the year of contract	
	e. Year of manufacture	Right Hand Drive (RHD)	,
	f. Drive	4x4 (Minimum)	
	g. Configuration		
2.	Dimensions (Vehicle)	To be mentioned	
	a. Overall length b. Overall width	To be mentioned	
	b. Overall width	To be mentioned	
		To be mentioned	1
3	Kerb weight Pay load	Minimum 8 Ton	
4.	Gross vehicle weight	To be mentioned	
5. 5.	Overall load bearing capacity	To be mentioned	
-	Wheel base	To be mentioned	
7. 8	Gradeability	20 ⁰ (minimum)	
9.	Gradeability Ground clearance	295mm (minimum)	1
0.	Angle of approach	25° (minimum)	
1.	Angle of departure	25° (minimum)	
2.	Min turning radius	10 M (maximum)	
3.	Front overhang	To be mentioned	
4.	Rear overhang	To be mentioned	
5.	Height of bed	To be mentioned	
6.	Cabin height from ground to top	To be mentioned	
7.	Tread front	To be mentioned	
8.	Tread rear	To be mentioned	
9.	Fuel consumption per 100km	To be mentioned	
30.	Cruising range	500 Km (minimum)	
31.	Fording depth	750mm (minimum)	
32.	Tyre.		
	No of wheel including spare tyre	To be mentioned	
	b. Size of Tyre	To be mentioned	,
	c. Tyre type	To be mentioned Bridgestone/Dunlop/Goodyear/Yokohama/ Toyo/	
	d. Tyre brand	Uniroyal/Continental/Michelin/Folda/ Firestone/	
	and the second s	Armstrong/AMTEL/Pirelli/Hankook/ Kumho	
		To be mentioned	
	e. Rim size	LICA Jones Ell Countries Russia Brazil, Indonesia,	
	f. Country Origin	Malaysia, Philippines, Singapore, Thailand and South	
		W	
	- Trond nattern	ND, GG, CC (Non-Directional, Ground Grip, Cross	
	g. Tread pattern	Country)	
20	Chaesie Frame		
33.	Chassis Frame.	To be mentioned	
	a. Make b. Country of Origin	Gp A/B/C	
	c. Country of Manufacture	Gp A/B/C	
	d. Country of Manufacture	Gn A/B/C	
	e Tyne	To be mentioned (Parallel section high tensile steel)	
	f. Length, width, height and thickness of	To be mentioned. Diagram/catalogue to be provided	
	chaesis frame	with offer.	
	g. Chassis frame Resistance to Bending	The truck chassis must be capable to resist the bending movement of the tank with payload. The	
	Moment	chassis will not be cracked/ fractured and no other	
		l defects will arise up to 10 years. (Chassis	5 i
		manufacturer's certificate to be provided with details	3
		- staulation)	
	0.1.01	Tit Cab roof batch AC heater with variable speed	1
34.	Cab System	to adjustable driver seat rear windows (Country C	11
		origin, manufacturer & assembly and capacity for Ac	
		to be mentioned).	
35.	Seat capacity	To be mentioned	-
36.	Engine.		
JQ.	a. Make & Model	To be mentioned	
	b. Type	Diesel engine	
	c. Country of Origin	Gp A/B/C	
	d. Country of Manufacturer	Gp A/B/C	
	e. Country of Manufacturer	Gp A/B/C	
		Minimum 6 Cylinder	
	2 1 1	To be mentioned	
	g. Bore & stroke h. Displacement	6.5 L (Minimum)	
		B -1	(6/2

Ser	Description	Specification Specified	Must be filled up by manufacturer/ Principal
	j. Max Horse power with rated rpm	240 HP (Minimum) rpm to be mentioned	
	k. Compression ratio	To be mentioned	
	Max torque with rated rpm	Minimum 1100 Nm with rpm to be mentioned	
	m. Fuel injection pump	To be mentioned	
	n. Engine test bench certificate	During inspection Engine Test Bench Report (for each model) which was prepared by manufacturer during production of engine at manufacturing factory must be	
		produced and submitted to the PSI team for each model (duly signed and stamped by the manufacturer). Other engines (mentioning engine	
		number) of the same model must be certified of nirming the engine Test Bench Report by the hanufacturer (duly singed and stamped).	
	p. Engine life before 1 st overhaul	Details to be mentioned	
	q. Cooling system	Water cooled /Liquid cooled	
7.	Transmission.		
	a. Type	To be mentioned	1
	b. Make & Model c. Country of origin, manufacture and	To be mentioned Gp A/B/C	er gegente trette trocker en forten en geste trocker trocker franke in film trocker en geste trocker te trock In terrete
	assembly		
	d. No of Gear	To be mentioned	
0	e. All gear ratio Transfer Case.	To be mentioned	
8. 🤫	a. Make and model	To be mentioned	
į.	b. Country of origin, manufacturer &	Gp A/B/C	
	assembly		
	c. Transfer case gear ratio	To be mentioned	
39.	Power to weight ratio	To be mentioned	
10.	Windshield glass	Laminated type	
11.	Clutch type	Detail to be mentioned	
12.	Axle.	To be mentioned	
	a. Number of axle	TO DE MEMBOREO	
	b. Front Axie. (1) Type	To be mentioned	
	(2) Make & Model	To be mentioned	
	(3) Pay Load	To be mentioned	
	(4) Country of Origin, Manufacturer &	Gp A/B/C	
	Assembly		
	c. <u>Rear Axie</u> .		
	(1) Type	To be mentioned	
	(2) Make & Model	To be mentioned To be mentioned	
	(3) Pay Load bearing capacity (4) Country of Origin, Manufacturer &	Gp A/B/C	
	Assembly	GP 74.0/0	
13.	Fuel tank capacity	To be mentioned	
14.	Brake System.		,
	a. Service brake	To be mentioned	
	b. Parking brake	To be mentioned	
	c. Exhaust brake (If any)	To be mentioned	
	d. Emergency Brake (If any)	To be mentioned	
1		To be mentioned	
45.	Steering	Power steering system	
46.	Suspension.	To be mentioned	
	a. Front	To be mentioned	
17:	b. Rear	To be mentioned	
47:	Electric System : a. Voltage	24 Volt	
	b. Battery	2x12V, AH to be mentioned	
	c. Alternator	Volt & Amp to be mentioned	
	d. Self-starter	Volt & KW to be mentioned	
48.	Lighting System.	All normal lights including fog lights, indicators light,	
		marker light and following blackout lights NATO	
	a. 01 x Blackout head light at front right side	standard to be provided To be provided	
	NATO standard		
	b. 02 x Blackout side light at front left & right side NATO standard	To be provided	
	c. 02 x Blackout combination (side & stop)	To be provided	
	light at rear left & right side NATO Standard		
	d. 01 x Convoy light at rear NATO std	To be provided	
49.	Accessories.	42 Ex 2000(E)	
	a. 01 x Pintle hook Rotary typ. (NATO	to be provided	,
	Standard)	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	,
	d. 02 x Sun visor	attachment and lifting facilities) To be provided	
٧.	e. 01 x Hydraulic jack minimum 10 ton	To be provided	
	capacity, origin to be confirmed from group A		
	country.		
	f. 01 x Tyre inflation hose with adapter and	To be provided	
	nozzle	The social Constitution to the and dis of	
	g. Winch (Recovery)	To be provided. Capacity of winch, length and dia of	
		rope to be mentioned. To be provided (details list of manufacturer's standard	
50.	Standard maintenance tools incl tool box	maintenance tools to be provided along with the offer)	
51.	Tank.		
٠١.	a. Make and Model	To be mentioned (details along with drawing /	
		catalogue to be provided with offer)	
	b. Country of Origin, Manufacturer & Assembly	Gp A/B/C	
	b. Country of Origin, Manufacturer & Assembly	- Gp A/B/C	CE

er	Description	Specification Specified	Must be filled up by manufacturer/ Principal
-	c. Capacity	Minimum 4500 - 5000 litres	
1	d. Tank material	To be mentioned	
-	e. No of manhole with opening	02 Nos (Minimum)	
	f. No of compartment inside the tank	02 Nos (Minimum)	
	g. No of baffles in each compartment	02 Nos (Minimum)	
	Pump (Suction & Delivery both).	To be mentioned	
1	a. Brand	To be mentioned	the control of the file of the state of the
١	b. No of Pump	To be mentioned	
	c. Make and Model d. Country of Origin & Manufacturer	Gp A/B/C	
		5000 L/H	
	e. Capacity f. Drive	Driven by PTO	
	g. Pump head	Minimum 10 m suction head	
	h. Delivery head	To be mentioned	
	j. Dispensing unit with resettable flow meter	To be provided	
3.	Delivery hose complete with coupling.		
	a. Brand	To be mentioned	
	b. Country of Origin	Gp A/B/C	
	c. Materials	To be mentioned	
	d. No of Hose	02 Nos. Reel with delivery hose to be provided	
	e. Length of hose	50m (Minimum) 50mm (Minimum)	
	f. Dia of hose pipe	50mm (Minimum)	,
1.	Suction pipe complete with coupling.	To be mentioned	
	a. Brand b. Country of Origin	Gp A/B/C	
	c. Materials	To be mentioned	
	d. No of pipe	To be mentioned	
	e. Length of pipe	20 m (Minimum)	
	f. Dia of pipe	50mm (Minimum)	,
	g. Type of pipe	Double armoured	
5.	Delivery line	The tank shall have delivery line (dia to be mentioned)	
		at the bottom from both compartments along with the	
		gate valve.	
6.	Fittings	To be mentioned (details of manufacturer's standard	9
1		fittings to be mentioned) The tank shall have steel platform and access ladder	
7.)	Steel ladder	at the rear and a steel catwalk on the top and both	
		sides of tank body of std size. Manhole/filling port,	
		sten riser with ladder and easy washable system with	١.
		drain nine and a nozzle (to be mentioned)	
58.	Fire Extinguisher	02 v Fire Extinguisher ABC&E type with chemical &	
47.4		brackets to be provided (Capacity and origin to be	
	* 1	mentioned)	
59.	Color.	1.1.001	
	Inside paint (Tank)	Epoxy paint, POL resistance	
	b. Outside colour	White Colour with UN writing (DUCO Paint Nitro	
		Cellulose Based)	
	POL Information: The following information mu	at he submitted with the offer:	
50.	a. Detail maintenance schedule of vehicle &	To be provided	
		10 50 provided	
	engine. b. Grade of diesel used in vehicle.	To be mentioned	
	c. Grade of diesel to be used in Bangladesh (BD)	To be mentioned (should be compatible with the	
	S. Stade of aloses to be about in building added (DB)	available grade of Bangladesh)	
	d. Grade of engine oil used in vehicle.	To be mentioned	
	e. Grade of engine oil to be used in	To be mentioned (should be compatible with the	
	Bangladesh (BD).	available grade of Bangladesh)	<u> </u>
	f. Grade of gear oil used in vehicle.	To be mentioned	
	g. Grade of gear oil to be used in Bangladesh	To be mentioned (should be compatible with the	
	(BD).	available grade of Bangladesh)	
61.	Training Requirements	To be provided (As per User/Sponsor Directorate)	
	a. User Training	To be provided (As per dequirement of EME	
64	b. Operation, Repair and Maintenance	Directorate)	
	Training Training	To be provided (As per requirement of Ordnance	
	c. Equipment Management Training	Directorate)	
62.	Publications		
JZ.	a. Driver's/Owners Manual in English for	To be provided as per the requirement of EME	
	vehicle (complete Book Type)	Directorate	
	b. Updated Workshop/Repair Manual (for	To be provided as per the requirement of EME	
	vehicle) in English (complete Book Type)	Directorate	
	c. Spare Parts Catalogue in English Book type.	To be provided as per the requirement of EME	
	1 Const David Drive Catalogue in English	Directorate To be provided as per the requirement of EME	7
	d. Spare Parts Price Catalogue in English	Directorate	· · ·
	Book type. e. Other Operator's manuals Catalogue	To be provided as per the requirement of EME	
	(Book Type) for additional equipment like	Directorate	
	Radio, Navigational Equipment etc		
63.	List of spares	To be mentioned	
64.	Special Service Tools (SST)	To be provided as per the requirement of EME	
-		Directorate	
65.	Special Service Materials (SSM)	To be provided as per the requirement of EME	
		Directorate	
66.	Conditions.	provided for measuring fuel contain	
	a. Suitable Fuel gauge/indicator/dip rod to be	all with holted cover plate & fulfiller cover by fillinged frieta	1
	b. Manhole assembly consisting of circular wa	r measuring to be provided. All fitting pipes to be made of	f .
		micadaring to be provided. The many pipes to at theme	
	galvanized iron.		
	c. Metering system to be provided.	ng both suction & delivery pipes along with their fittings.	
		it to the anti-addition numb	
,	e Measuring gauges/ meters with counter me	eter to be provided with suction/delivery pump.	
٩	t t a supplier me	fer to be provided with suction/delivery pump.	COVETE

Ser	Description	Specification Specified	Must be filled up by manufacturer/ Principal
	f. All gauges meters including dashboard sh system).	ould be provided with MKS/ CGS system (i.e. metric	
	g. All lights, gauges, meters in dashboard (metric system, driving mirrors, cabin lights etc will be equipped with the vehicles as per latest standard. The vehicle will have to be provided with tyre inflation system in the vehicle.		
	h. Tank to be furnished with earthing wire, trailing chain, dip rod container, fire screen between POL tank & driver's cabin.		
	j. Exhaust and silencer pipe should be at front		
	k. Fast and slow moving spare parts to be provided as per requirement of EME Dte.		,
	The equipment should have minimum 10 years model validity.		
67.	Inspections		
	a. Stage inspection	Name of places/location (factory/plants etc) for stage inspection of major components to be mentioned	
	b. Pre-shipment inspection (PSI)	Address to be mentioned	

Note	e: Following information's/documents to be submitted along with the offer:
a	Details of working principle.
	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.

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