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Directorate General Defence Purchase
Ministry of Defence
New Airport Road
Tejgaon, Dhaka-1215
Telephone: Military 5036
Civ: 48111625
E-mail: adp1army1@dgdp.gov.bd

29 Kartik 1431

14 November 2024

06.06.0000.214.eval.24/TW Lt 3 ton

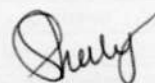
RE-EVALUATION/STANDARDIZATION OF TRUCK WRECKER LIGHT 3 TON

Reference:

A. Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate letter number 23.01.901.048.06.079.02.11.11.24 Dated 11 November 2024 (Not to all).

1. Please be informed that Bangladesh Army is planning for re-evaluation of **Truck Wrecker Light 3 Ton**. In this regard, you are requested to forward technical offer **along with original Brochure/Catalogue, Model Technical Specification 100% updated original Spare Parts Catalogue (Hard/Soft copy) and other information**. Offered models should be compatible with general technical specification attached herewith and to be submitted directly to Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate, Dhaka Cantonment by **12 December 2024** with an intimation to this office. You are also requested to provide enlistment certificate of DGDP along with technical offer. Lack of any information will disqualify the offer.

2. Forwarded for your information and necessary action please.



SHEULY AKTER
Lieutenant Colonel
For Director General

Annex:

A. Technical Specification of Jeep 5 Door Bullet Proof/ Armoured - 08 (Eight) Pages only.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

Army Headquarters, General Staff Branch, Overseas Operations Directorate
Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate
Army Headquarters, Master General of the Ordnance Branch, Ordnance Directorate
Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate

Internal:

IT Section: Publish in web site.

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GENERAL SPECIFICATIONS: TRUCK WRECKER LT 3 TON

Serial	Description of General Specifications	Required General Specifications	Remark
1.	Name of the Firm/Local Agent with Full Address	To be mentioned	
2.	Principal's Name with Full Address	To be mentioned	
3.	Manufacturer Name with Full Address	To be mentioned	
4.	Nomenclature	Truck Wrecker Lt 3 Ton	
5.	Make & Model	To be mentioned	
6.	Kerb Weight (Vehicle + Wrecker)	To be mentioned	
7.	a. Country of Origin	Group-A	
	b. Country of Manufacturer	Group-A	
	c. Country of Assembly	Group-A	
8.	Truck Specification.		
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
9.	Configuration	4x4	
10.	Drive	RHD	
11.	Kerb Weight (Vehicle)	To be mentioned	
12.	Pay Load	To be mentioned	
13.	Gross Vehicle Weight (GVW)	To be mentioned	
14.	Dimension.		
	a. Overall Length (mm)	To be mentioned	
	b. Overall Width (mm)	To be mentioned	
	c. Overall Height (mm)	To be mentioned	
15.	Ground Clearance (mm)	275 mm (Minimum)	
16.	Wheel Base (mm)	To be mentioned	
17.	Angle of Approach (degree)	30° (Minimum)	
18.	Angle of Departure (degree)	30° (Minimum)	
19.	Maximum Grade Ability (degree)	To be mentioned	
20.	Fording Depth	600 mm (Minimum)	
21.	Turning Radius	10 m (Maximum)	
22.	Power to weight Ratio	To be mentioned	
23.	Engine.		
	a. Type	To be mentioned	
	b. Make & Model	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
	f. Number of Cylinder	6 Cylinder	
	g. HP at Rated rpm	200 HP (Minimum)	
	h. Maximum Torque with rpm	800 N-m (Minimum)	
	j. Piston Displacement	5000 cc (Minimum)	
	k. Bore and stroke	To be mentioned	
	l. Cooling system	Liquid cooled	
m. Engine Test Bench Report	1. Engine Test Bench Report for all engines prepared by manufacturer during production of engine at		



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		manufacturing factory must be submitted to the SI/PSI team for each model.	
		2. If Engine Test Bench Report of all engines can not be submitted, in that case, for other engines of the same model must be certified and confirmed with the engine Test Bench Report (mentioning engine number) by the manufacturer duly signed and stamped.	
	n. Emission Standard	Euro-3	
24.	Fuel System.		
	a. Type of Fuel	Diesel	
	b. Fuel Tank Capacity	180 ltr (Minimum)	
	c. Fuel Consumption Litre/100 km	To be mentioned	
	d. Fuel Injection Pump.	Type to be mentioned	
	(i) Make & Model	To be mentioned	
	(ii) Country of Origin	Group-A	
25.	Cabin.		
	a. Crew Seating Capacity	05 Excluding Driver & Second Seater	
26.	Dead Weight (For Stability of Light Wrecker)	To be available and details to be mentioned (as per manufacturer design)	
27.	Front Axle.		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
28.	Rear Axle.		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
29.	Transmission.		
	a. Type	Manual/ Mechatronics	
	b. Make & Model	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
	f. Gear Ratio	To be mentioned	
30.	Transfer Case.		
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
	e. High Gear Ratio	To be mentioned	
	f. Low Gear Ratio	To be mentioned	
31.	Chassis frame.		
	a. Type	To be mentioned	



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	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
	e. Dimension	To be mentioned	
32.	Suspension.		
	a. Front	Details to be mentioned	
	b. Rear	Details to be mentioned	
33.	Brake System.		
	a. Service Brake	To be mentioned	
	b. Parking Brake	Details to be mentioned	
	c. Master Cylinder	Group A	
	d. Brake Valve	Group A	
	e. Brake Boster	Group A	
	f. Any other Brake System	To be mentioned	
34.	Hydraulic System.		
	a. Hydraulic Pump	Group A	
	b. Auxilaray Pump	Group A	
	c. Hydraulic Motors	Group A	
	d. Hydraulic Control Valve	Group A	
35.	Steering	Power Steering	
36.	Tyre.		
	a. Tyre Size	To be mentioned	
	b. Tyre Brand	Bridgestone/Dunlop/Goodyear/Yokohama/Toyo/Uniroyal/Continental/Michelin/Folda/ Firestone/Armstrong/ AMTEL/ Pirelli/Hankook and Kumho	
	c. Country of Origin	USA, Japan, EU Countries (except Italy), Russia, Brazil, Indonesia, Malaysia, Philippines, Singapore and Thailand	
	d. Tyre Patten	Non-Directional (ND), Ground Grip (GG) and Cross Country (CC).	
	e. Number of Tyres including Spare Tyre	6 + 1 nos including spare tyre	
37.	Rim size	To be mentioned	
38.	Electric System.		
	a. Volt	24 Volt	
	b. No of Battery (Volt & AH)	To be mentioned	
	c. Alternator (Volt & Amp)	To be mentioned	
	d. Starter (Volt & KW)	To be mentioned	
39.	Wrecker.		
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
	e. Operating System	Details to be mentioned	
	f. Number of Boom Extension Stage	To be mentioned	
	g. Number of Boom	To be mentioned	
	h. Main Boom.		
	(i) Type of Boom	Articulating / Telescopic / To be mentioned if any other	
	(ii). Country of Origin	Group-A	
	(iii). Country of Manufacturer	Group-A	



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	j. Boom reduction gear.		
	(i) Country of Manufacturer	Group-A	
	k. Boom Turret/Rotation (Degree)	270° (Minimum)	
	l. Type of Boom	Telescopic or any other advance system	
	m. With Full Boom Extension.		
	(i) Length of Boom	To be mentioned	
	(ii) Maximum Load Radius	To be mentioned	
	(iii) Maximum Lifting Height on Hook	To be mentioned	
	(iv) Maximum Boom Lifting Angle (Angle of Tilt)	60° (Minimum)	
	n. With Boom Retracted.		
	(i) Boom Length	To be mentioned	
	(ii) Maximum Load Radius	To be mentioned	
	(iii) Maximum Lifting Height on Hook	To be mentioned	
	(iv) Lifting Capacity	3 Ton (Minimum)	
	p. Wrecker Towing Capacity	3 Ton (Minimum)	
40.	Winch Capacity.		
	a. Pulling Capacity	7 Ton (Minimum)	
	b. Lifting Capacity (Each Boom)	To be mentioned	
	c. Winch Operating System	To be mentioned	
	d. Towing Capacity while driving	To be mentioned	
	e. Winch Capacity (each drum)	To be mentioned	
41.	Winch Cable.		
	a. Number of Winch Cable	To be mentioned	
	b. Length	60 Meter (Minimum)	
	c. Diameter (mm)	14 mm (Minimum)	
42.	Outriggers.		
	a. Number	02 Nos (Minimum)	
	b. Type	Hydraulically operated (With PTO to be operated from out side of driver's cabin may be on wrecker body)	
	c. Country of Manufacturer	Group A	
	d. Load warning safety system	Details to be mentioned	
43.	The Following Additional/Standard Equipment to be Provided Along with the Each Wrecker.		
	a. 02 Chains (Capacity 2000 kg)	To be provided, length to be mentioned	
	b. 02 Hoisting belts (3000 kg) each	To be provided	
	c. 02 Steel Cable Loops (Diameter 10 mm)	To be provided, length to be mentioned	
	d. Number of Wrecker Bar	To be mentioned	
	e. Sledge Hammer	No and capacity to be mentioned	
	f. Bolt Cutter	No and size to be mentioned	
	g. 1 Bin for Waste Oil Absorbent	To be provided	
	h. 01 Traffic Lighting Bar with Cable	To be Provided	
	j. 01 Shovel	To be provided	
	k. 02 Brooms	To be provided	
	l. 02 Bow Shackles	To be provided	
	m. Rear view camera	To be provided	
	n. Any others	To be mentioned	



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44.	<u>The Following Safety Equipment to be Provided Along with Each Vehicle.</u>		
	a. 12 x Pair of Leather Gloves	To be provided	
	b. 06 x Safety Vests	To be provided	
	c. 06 x Traffic Cones	To be provided	
	d. 01x Warning Triangle	To be provided	
	e. 01x Hand Light Torch	To be provided	
45.	<u>The Following Tools & Accessories to be Provided Along with Each Vehicle.</u>		
	a. 02 x Fire Extinguisher ABC&E Type 03 kg (Minimum) origin to be mentioned	To be provided	
	b. Spare Wheel with Lifting Facilities (Mechanical)	To be provided	
	c. Tool Box with Double Jarrican Carrier	To be provided	
	d. 02 x Towing Hook at Front (capacity to be mentioned) 01x Pintle hook at rear (Rotary type)	To be provided	
	e. Tyre Inflator set complete with high pressure hose, adaptor, pressure gauge & nozzle (from main air compressor to all wheels)	To be provided	
	f. Two Speed Windscreen Wipers with Incorporated Washer and Intermittent Type	To be provided	
	g. Sun Visors Number	To be provided and Number to be mentioned	
	h. 02x Rear View Mirror Outside	To be provided	
	j. 01 x Rear View Mirror Inside	To be provided	
	k. Drivers & Co-drivers Seat Belt	To be provided	
	l. Hydraulic Jack 25 Ton with Handle	To be provided	
	m. Inspection Lamp Complete with minimum 10 Meter Cable + Plug & Socket	To be provided	
	n. Wheel Wrench with Handle	To be provided	
46.	<u>Air Condition in Operator's/ Driver's Cabin.</u>		
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
47.	Standard Maintenance Tools & any Others Accessories (If required)	List of tools to be provided (This list must be based on operating manual and other publications of the offered equipment/ vehicle)	
48.	Towing Attachment: (To Carry Vehicles and Equipment Casualty after Recovery A-shaped attached frame must be included)	To be provided (Towing capacity to be mentioned)	
49.	Seating Arrangement for Crew Operator	To be mentioned	
50.	<u>Wrecker Accessories.</u>		
	a. Livers & Crew Bars: Two each type suitable for Light Wrecker	To be provided	
	b. Shackles: Adequate in Number	To be provided and number to be	



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Serial	Description of General Specifications	Required General Specifications	Remark
		mentioned	
	c. Hold Fast Anchor: Two with required anchor pins	To be provided	
	d. Triangular Anchor: One with required anchor pin	To be provided and number to be mentioned	
	e. Saw 3 to 4 feet: One	To be provided	
	f. Hand saw : One	To be provided	
	g. Sheaves Scotch Block and Snatch Block: Minimum four in numbers (02 x single & 02 x Double)	To be provided	
	h. Thimbles, Bulldog grip, Double Throat Clamp & Straining Screw	To be provided	
	j. Any other item which the manufacture feel necessary to be equipped with the wrecker	List to be provided	
51.	Misc Item.		
	a. Towing attachment	Towing attachment including NATO towing pintle, Electrical 12 pin socket & air coupling	
	b. Blackout Lights	1. 02x Blackout light at front 2. 02x Blackout light at rear 3. 01x Blackout convoy light 4. 01x Blackout driving light	
	c. First Aid Box	To be provided	
52.	Weapon Stowages	To be provided at least for 06 persons: (1) Inside Cabin - 02 (2) Outside - 04	
53.	Whether the Local Firm can Render Repair and Maintenance Support Locally	Details to be Mentioned	
54.	Petrol Oil Lubricant (POL) Information. The following information must be submitted with the offer:		
	a. Grade of fuel used in Vehicle	To be mentioned	
	b. Type of Engine Oil used in Vehicle	To be mentioned	
	c. Type of gear Oil (Equivalent grade) used in vehicle	To be mentioned	
	d. Grade of fuel to be used in Bangladesh	The vehicle must be suitable for used with fuel available in Bangladesh	
55.	Colour	As per indentor requirements	
56.	Publications.		
	a. Driver's/Owner's manual in English for Vehicle (Complete Book type)	To be provided as per requirement of EME Dte	
	b. Updated workshop/repair manual (for vehicle) in English (Complete Book type.	To be provided as per requirement of EME Dte	
	c. Spare Parts Catalogue in English Book type.	To be provided as per requirement of EME Dte	
	d. Spare Parts Price Catalogue in English Book type.	To be provided as per requirement of EME Dte	
	e. Other Operator's manuals Catalogue (Book Type) for additional equipment like Radio, Navigational Equipment etc.	To be provided as per requirement of EME Dte	
57.	Fast and slow moving spare parts	List to be provided as per	



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		requirement of EME Dte	
58.	Analyzer, measuring & testing/ fault finding and diagnostic set	To be provided as per requirement of EME Dte	
59.	Special Service Tools (SST)	List to be provided as per requirement of EME Dte	
60.	Special Service Materials (SSM)	List to be provided as per requirement of EME Dte	
61.	Training Requirements.		
	a. User Training	To be provided (As per requirement of User/ Sponsor Directorate)	
	b. Operation, Repair and Maintenance Training	To be provided (As per requirement of Electrical and Mechanical Engineers Directorate)	
	c. Inventory Control & Management Aspect Training	To be provided (As per requirement of Ordnance Directorate)	
62.	Terms and Conditions.		
	a. Time of Free Service	1 Year	
	b. Warranty/Guaranty	1 Year or 20,000 KM	
	c. Technical offer should be on the original pad of principal/ manufacturer with sign & seal	Must be confirmed as per requirement	
	d. Offered technical specifications must conform to the specifications mentioned in the submitted brochure/ catalogue otherwise offer will not be accepted	To be submitted during evaluation stage	
	e. Authorization certificate (Original) in favour of principal by the original vehicle manufacturer to be submitted along with offer	To be submitted during evaluation stage	
	f. Authorization certificate (Original) in favour of local agent by the principal to be submitted along with offer	To be submitted during evaluation stage	
	g. The Manufacturer, Principal and local agent must give a guarantee certificate for the following	To be submitted during evaluation stage	
	(1) Same/similar model of vehicle/ equipment will be available for next 10 years (Confirmation certificate to be provided by manufacturer)	To be submitted during evaluation stage	
	(2) Spares will be available for at least 15 years (Confirmation certificate to be provided by Manufacturer)	To be submitted during evaluation stage	
	(3) After sales service should be available with local agent and will be provided as and when required for indefinite period (at free of charge up to guarantee period) and then onwards with payment (Confirmation certificate to be provided by local agent)	To be submitted during evaluation stage	
63.	Production Date	Manufactured not before the year of contract	

