

FOR OFFICIAL USE ONLY

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14 Poush 1432

06.06.0000.214.eval.24/Truck 3 Ton Mil

29 December 2025

**RE-EVALUATION COMMITTEE-TRUCK 3 TON MILITARIZED VERSION (REAR DOUBLE WHEEL)**

Reference:

A. Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate letter number 23.01.901.043.03.079.01.18.12.25 Dated 21 December 2025 (Not to all).

1. Please be informed that Bangladesh Army is planning for re-evaluation of **Truck 3 Ton Militarized Version (Rear Double Wheel)**. 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) Training, Operational, Maintenance Manuals and other information**. Offered models should be compatible with general technical specification attached herewith and to be submitted directly to Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate, Dhaka Cantonment by **31 January 2026** 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 Truck 3 Ton Militarized Version (Rear Double Wheel) - 01 Set.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

Army Headquarters, General Staff Branch, Weapon Equipment and Statistic Directorate  
Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate  
Army Headquarters, General Staff Branch, Overseas Operations 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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**GEN SPEC OF TRUCK 3 TON MIL VERSION (REAR DOUBLE WHEEL)**

Ser	Nomenclature/ Description	Specification specified	Must be filled up by manufacturer/principal
<b>Part 1: General Specification of Operational and Functional Capacity</b>			
1.	Name and Complete Address of Local Agent (Including Mobile, Phone & Fax Number, Email & Web Address)	To be mentioned	
2.	Name and Complete Address of Principal (Including Mobile, Phone & Fax Number, Email & Web Address)	To be mentioned	
3.	Name and Complete Address of Manufacturer (Including Mobile, Phone & Fax Number, Email & Web Address)	To be mentioned	
4.	Vehicle Make & Model	To be mentioned	
5.	Country of Origin	Group A Countries	
6.	Country of Manufacture		
7.	Country of Assembly	To be mentioned	
8.	Year of manufacture	Not before the year of contract	
9.	Drive	Right hand drive	
10.	Configuration	4x4 (Minimum)	
11.	<u>Dimensions</u>		
	a. Overall length	To be mentioned	
	b. Overall width (Vehicle)	To be mentioned	
	c. Overall width (Cab)	To be mentioned	
	d. Overall height (Cab)	To be mentioned	
	e. <u>Rear body dimension</u>		
	(1) Length	To be mentioned	
	(2) Width	To be mentioned	
	(3) Height	To be mentioned	
	(4) Inside length	To be mentioned	
	(5) Inside width	To be mentioned	
	(6) Inside height	To be mentioned	
	f. Wheel base	To be mentioned	
	g. Front overhang	To be mentioned	
	h. Rear overhang	To be mentioned	
12.	<u>Colour</u>		
	a. Vehicle	As per the requirement of indentor	
	b. Canopy	As per the requirement of indentor	
13.	<u>Weight</u>		
	a. Kerb weight (kg/ton)	To be mentioned	
	b. Pay load		
	(1) High way	Minimum 4 Ton	
	(2) Cross country	Minimum 3 Ton	
	c. Gross vehicle weight	To be mentioned	
	d. Gross combination weight	To be mentioned	
	e. <u>Power to weight ratio (Hp/Wt in Ton)</u>	To be mentioned	
14.	Overall load bearing capacity (GVWR)	To be mentioned	
15.	Gradeability with GVW	22.5° (Minimum)	
16.	Ground clearance	300 mm (minimum)	
17.	Angle of approach	Not less than 30°	
18.	Angle of departure	Not less than 30°	
19.	Turning radius	Should not exceed 10 M wall to wall	
20.	Height of bed	To be mentioned	
21.	Cabin height from ground to top	To be mentioned	
22.	Fording depth	800 mm (Minimum)	
23.	Tread front	To be mentioned	
24.	Tread rear	To be mentioned	
25.	Seat Capacity	Minimum 18 persons with personal equipment in rear load body and 2 persons in cabin including-driver	
<b>Part 2: Technical Specification</b>			
26.	<u>Engine.</u>		
	a. Make & Model	To be mentioned	
	b. Type of Engine	Diesel engine	
	c. Country of Origin	Group A Countries	
	d. Country of Manufacturer		
	e. Country of Assembly		
	f. Year of production	Not before the year of contract	

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	g. No of Cylinder	Minimum 6 Cylinder	
	h. Bore & stroke	To be mentioned	
	j. Piston Displacement	To be mentioned	
	k. Air cleaner type	To be mentioned	
	l. Water Resistant Engine	To be mentioned	
	m. Max Horse power with rpm	160 HP (Minimum) with rpm to be mentioned	
	n. Compression ratio	To be mentioned	
	p. Max torque with rpm	To be mentioned	
	q. Turbo Charger (If available)	To be mentioned	
	r. Cooling system	Water cooled / Liquid cooled	
	s. Engine life before 1 <sup>st</sup> overhauling (In mileage and hour)	To be mentioned	
	t. Life Expectancy	Life expectancy of new engine up to 1 <sup>st</sup> overhauling not less than 1,00,000 KM (One Lac Kilometer) (Certificate must be submitted by the manufacturer/supplier)	
	u. Engine test bench certificate	Engine test bench report of manufacturer mentioning engine number, model and important parameters to be submitted during inspection	
27.	<b>Maximum Speed</b>		
	a. Highway (Km/hour)	To be mentioned	
	b. X-Country (Km/hour)	To be mentioned	
28.	<b>Transmission.</b>		
	a. Make, Type and Model	To be mentioned	
	b. Country of origin, manufacturer & assembly	Group A Countries	
	c. No of gear	Minimum 05 forward, 01 reverse	
	d. All gear ratio	To be mentioned	
29.	<b>Transfer Case.</b>		
	a. Make and model	To be mentioned	
	b. Country of origin, manufacturer & assembly	Gp A Countries	
	c. Transfer case gear ratio	To be mentioned	
30.	<b>Clutch type and dimension</b>	Detail to be mentioned	
31.	<b>Front Axle.</b>		
	a. Make	To be mentioned	
	b. Type	To be mentioned	
	c. Axle Capacity	To be mentioned	
	d. Country of Origin, Manufacturer & Assembly	Group A countries	
32.	<b>Rear Axle.</b>		
	a. Make	To be mentioned	
	b. Type	To be mentioned	
	c. Axle Capacity	To be mentioned	
	d. Country of Origin, Manufacturer & Assembly	Group A countries	
33.	<b>Chassis Frame.</b>		
	a. Make	To be mentioned	
	b. Dimension (Length, width and Height)	To be mentioned	
	c. Type	To be mentioned	
	d. Country of Origin, Manufacturer & Assembly	Group A countries	
	e. Chassis frame resistance to bending moment (RBM)	The truck chassis must be capable to carry offered payload. The chassis will not be cracked/ fractured, and no other defects will arise up to 10 years. (Chassis manufacturers certificate to be provided with detail calculation)	
	f. Chassis thickness	To be mentioned	
34.	<b>Brake System.</b>		
	a. Service brake	To be mentioned	
	b. Parking brake	To be mentioned	
	c. Trailer brake	Provision for two line trailer air brake coupling (NATO Standard)	
	d. Emergency brake	To be mentioned (If any)	
	e. Auxiliary brake	To be mentioned (If any)	
	f. Any other brake (If available)	To be mentioned	
35.	<b>Electric System.</b>		
	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	
36.	<b>Wheels.</b>		
	a. Tyre type	Radial Tyre Tube type	
	b. Tyre size	To be mentioned	
	c. Total Number of Tyre	2x at front, 4x at rear & 1x Spare	
	d. Tyre Brand	Bridgestone/ Dunlop/ Goodyear/ Yokohama/ Toyo/	

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		Uniroyal/ Continental/ Michelin/ Folda/ Firestone/ Armstrong/ AMTEL/ Pirelli/ Hankook and Kumho	
	e. Country of Origin	USA, Japan, EU Countries, Russia, Brazil, Indonesia, Malaysia, Philippines, Singapore, Thailand and South Korea	
	f. No of ply	To be mentioned	
	g. Tyre Tread pattern	ND, GG, CC	
	h. Rim Size	To be mentioned	
37.	<b>Steering</b>	Power Steering	
38.	<b>Cabin (Air Conditioning)</b>		
	a. Type	Re-enforced structure, hard top insulated	
	b. Material	To be mentioned	
	c. Cab System	Tilt Cab, roof hatch (Optional), AC (Country of Origin, Brand and <b>Capacity</b> of AC is to be mentioned) heater with variable speed fan, <b>defroster</b> , adjustable driver seat and rear windows to be provided	
39.	<b>Suspension.</b>		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
	c. Road Spring	Leaf Spring with telescopic shock absorber at front and rear	
	d. Shock Absorber	To be provided at front and rear	
	e. Stabilizing System	At rear to be provided	
40.	<b>Fuel Supply System.</b>		
	a. Fuel Type	Diesel	
	b. Fuel tank capacity (In liters)	To be mentioned	
	c. Injection Type (Manual / EFI)	To be mentioned	
	d. Fuel Injection Pump Type	Inline/ Rotary/ VE/ Common Rail/ Electric to be mentioned	
	e. Cursing Range	500 Km (Minimum)	
	f. Fuel Consumption per 100 Km	To be mentioned	
41.	<b>POL Information: The following information must be submitted with the offer.</b>		
	a. Grade of diesel to be used in Bangladesh	To be mentioned (should be compatible with the available grade of Bangladesh)	
	b. Grade of engine oil to be used in Bangladesh	To be mentioned (should be compatible with the available grade of Bangladesh)	
	c. Grade of gear oil to be used in Bangladesh	To be mentioned (should be compatible with the available grade of Bangladesh)	
42.	<b>Lighting System</b>	All normal lights including fog lights, indicators light, marker light and following blackout lights NATO standard to be provided	
	a. 02 X Black out indicator and side light NATO Standard at front Right Hand & Left Hand	To be provided	
	b. 02 X Black out comb (stop and side) light NATO Standard at rear Right Hand & Left Hand	To be provided	
	c. 01 X Black out convoy light at rear.	To be provided	
	d. 01 X Black out driving light NATO Standard at front Right Hand	To be provided	
43.	<b>Standard Accessories</b>		
	a. Differential lock/ limited slip differential/ Non-Spin differential	To be available at both front & rear	
	b. Self- Recovery	Mechanical/ Hydraulic <b>Electrical</b> winch at front having 5-ton capacity for self-recovery for 10% of the vehicle (Brand, origin, capacity, length and dia of rope to be mentioned)	
	c. Towing Attachment	Towing attachment including 12 pin electric connector NATO Std for trailer, Rotating type pintle hook at height of 2', 10"	
	d. Tool box and Jerrican	01 X tool box and 2x 20 Liter jerrican with carrier to be provided below the load body with external lockers	
	e. Spare wheel & tyre hanger	01 X spare wheel with lifting and hanging facilities to be provided.	
	f. Rear Towing hook capacity	Minimum 3 Ton	
	g. Pintle hook	Rotating type(NATO Std) 5-ton capacity (min)	
44.	<b>Stowage Accessories.</b>		
	a. Window glass	Fixed type window glass to be provided at rear of cab for visual communication with troops on load body.	
	b. Wind screen washer unit	Front windshield glass washer to be equipped.	

## RESTRICTED

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c. 02 X Sun visor	To be provided		
d. 02 X Rear view mirrors with minimum one down view mirrors opposite to driver's side	To be provided		
e. 01 X Rear view mirror inside the cabin	To be provided		
f. Canopy for load body	To be provided		
g. Drivers & Co-driver's Seat belts	To be provided		
h. Base for radio set	To be provided		
j. Base for antenna (In between cabin & load body)	To be provided		
k. Rifle clips inside the cabin for placing two rifles	To be Provided		
l. Attachment points/ hooks	Attachment points/hooks for load restraint straps and chain for securing ammunition boxes and conventional loads to be provided		
m. Reverse light along with head light, tail light, side light, indicator light, cabin light, all dash board indicator, <b>Odo</b> meter with stabilizer, warning light and control (for fuel, temperature, water, oil, air brake, indicator etc.) as required, protection guard for all outside light	To be provided		
n. Fog head lights at front for driving foggy weather	To be provided		
p. Towing hooks in front	02x Towing hooks in front for tying recovery chain/ropes for recovery (Capacity to be mentioned).		
q. Fire Extinguisher, Attachment, Capacity and <b>country of origin</b>	Fire extinguisher A,B,C,E type 3 kg complete with chemical and fixing bracket <b>and country of origin</b> to be provided		
r. Tying hooks for canopy/ ropes	To be provided		
s. Hydraulic Jack with handle 10-ton capacity.	To be provided		
t. Left & right spot light (Roof mounted)	To be provided		
u. Weapon storage clump	To be provided		
v. Inspection lamp	Inspection lamp complete with 10 meters cable, plug and socket in the vehicle		
w. Windshield Glass	Laminated type to be provided		
x. Standard maintenance tools set original to be provided for each vehicle as under:	Provided		
(1) Tool Bag	01 No		
(2) Pump assembly grease with nozzle	01 No		
(3) Spare tyre handle	01 No		
(4) wheel wrench with handle	01 No		
(5) Hammer	01 No		
(6) Spanner	No and size to be mentioned		
(7) Pliers	Size to be mentioned		
(8) Adjustable wrench	Size to be mentioned		
(9) Screw Drivers	No and type to be mentioned		
(10) Floor mat for cabin (for left & right side)	02 No		
(11) Cigarette lighter	01 No		
(12) Pad Lock if any size for fuel tank (Locally) provided	To be provided		
(13) Tyre pressure gauge	01 No		
(14) Tyre inflation hose with adaptor and nozzle	Tyre inflation hose 15 M (min) with adaptor, pressure gauge & nozzle (from the main air compressor to all wheels) : 1 Set		
45. <b>Terms and Conditions</b>			
a. Ergonomics	The driver's cabin, arrangement of the seat, controls and instrument panels should be so arranged that an average army driver does not feel fatigued in driving at the vehicle on long routes. The seats should be adjustable to achieve comfortable driving position. The temperature inside the cabin should be maintained at a comfortable level by the means of adequate circulation of fresh cool & hot air.		
b. Emission level	Euro 3 and above		
c. Daily Endurance	480 km/ day (Nonstop)		
d. Maintainability of the vehicle: should be able to be easily maintained by the existing Bangladesh Army drivers	To be confirmed by supplier and manufacturer		
e. All spares to be easily available in Bangladesh. Local agent should have their own	To be confirmed by supplier and manufacturer		

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	facilities/ store house to stock and hold complete & expendable stores in Bangladesh so that they may be supplied instantly on demand by Bangladesh Army. Such spares should be supplied to Army so long the vehicles are in service in Bangladesh Army		
	f. Model Validity	Min 10 years	
	g. Fast and Slow moving spare parts availability	Min 15 years	
	h. Material Safety Data Sheet (MSDS)	To be provided (As per requirement of OO Directorate)	
	j. Authorization certificate in favor of local agent by principal	To be provided	
	k. Authorization certificate in favor of principal by manufacturer	To be provided	

**Part 3: Training Requirement**

46.	<u>Training Requirement</u>	
	a. User Training	To be provided as per requirement
	b. Operation, Repair and Maintenance Training	To be provided (As per requirement of EME Director)

**Part 4: Repair And Maintenance Requirement Less List of Spares**

47.	<u>Publication</u>	
	a. Driver's/ Owner's Manual in English for vehicle (Complete Book type)	To be provided (As per requirement of EME Directorate)
	b. Updated Workshop/ Repair Manual (for vehicle & superstructure portion) in English Complete Book type	To be provided (As per requirement of EME Directorate)
	c. Spare Parts Catalogue (for vehicle & superstructure portion) in English Complete Book type	To be provided (As per requirement of EME Directorate)
	d. Spare Parts Price Catalogue (for vehicle & superstructure portion) in English Complete Book type	To be provided (As per requirement of EME Directorate)
	e. Other Operator's manuals Catalogue (Book Type) for additional equipment like Radio, Navigational Equipment etc.	To be provided (As per requirement of EME Directorate)

**Part 5: Tool List Spares**

48.	Fast and Slow Moving Spare Parts	List to be provided as per requirement of EME Directorate
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**Part 6: Tool List For Different Level of Maintenance**

49.	a. Analyzer, Measuring & Testing/Fault Finding and Diagnostic set (Software must remain valid/ functional for a period of minimum 10 years and updated support for 15 years)	To be provided as per requirement of EME Directorate
	b. Special Service Tools (SST)	List to be provided as per requirement of EME Directorate
	c. Special Service Materials (SSM)	List to be provided as per requirement of EME Directorate

**Part-7: Financial Specification**

50.	Financial Implication/Specifications	To be provided (As per requirement of Ord Directorate)
51.	Unit price	To be mentioned
52.	Likely increase of unit price in percentage during next five (05) years due to price escalation	To be mentioned
53.	<u>Inspections</u>	
	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
54.	Brochure/Catalogue (In Original)	To be provided

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

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