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11 Agrahayan 1432

06.06.0000.214.eval.24/Truck 3 Ton

26 November 2025

BOARD OF OFFICER – RE - EVALUATION OF TRUCK 3 TON (MILITARIZED VERSION)

Reference:

A. Army Headquarters, Quarter Master General Branch, Supply and Transport Directorate letter number 23.01.901.043.03.01.079.02.20.11.25/3 Dated 19 November 2025 (Not to all).

1. Please be informed that Bangladesh Army is planning for re-evaluation of **Truck 3 Ton (Militarized Version)**. 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, General Staff Branch, Weapon Equipment and Statistic Directorate, Dhaka Cantonment by **31 December 2025** 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 Microbus - 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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GENERAL SPECIFICATION OF TRUCK 3 TON (MIL VERSION)

Ser	Description	Specification Required	To be filled up by the Manufacturer/Principal
1	Nomenclature	To be mentioned	
2	Name and Complete Address of Local Agent	To be mentioned	
3	Name and Complete Address of Principal	To be mentioned	
4	Name and Complete Address of Manufacturer	To be mentioned	
5	Make and Model of vehicle	To be mentioned	
6	Type of Drive & location of steering	4x4, RHD with steering lock	
7	a. Country of origin	Gp A	
	b. Country of Manufacturer	Gp A	
	c. Country of Assembly	For CBU: Gp A For CKD: Gp A and Bangladesh	
8	Year of production	Not before the year of contract	
9	Performance:		
	a. Grade-ability at (% Degree) 10 km Speed	Tan $\phi = 22.5^\circ$ (41.4%) (minimum)	
	b. Approach & departure angle	Not less than 30°	
	c. Fording Depth	Minimum 800mm	
	d. Towed load	Towing load capacity 3 ton (minimum)	
	e. Seating capacity	Min 18 person with personal equipment in rear load body and 2 person in cabin including-driver.	
	f. Turning Radius	Should not exceed 10 M wall to wall	
	g. Fuel Consumption	To be mentioned	
	h. Fuel Tank Capacity	To be commensurate with cruising range with full load	
	i. Cruising range (full load)	Minimum 450 KM	
	k. Minimum Ground Clearance	Minimum 275mm	
	l. Front & side Fenders	To be provided	
10	Weights (Kg):		
	a. G. V. W.	To be mentioned	
	b. Pay load		
	(1) High way	Min 4 Ton	
	(2) Cross country	Min 3 Ton	
	c. Power to weight ratio (HP/Wt in ton)	To be mentioned	
	d. Kerb Weight (kg/ton)	To be mentioned	
	e. Gross combination weight	To be mentioned	
11	Dimensions:		
	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. Tread front	To be mentioned	
	f. Tread rear	To be mentioned	
	g. Rear body:		
	(1) Inside length	To be mentioned	
	(2) Inside width	To be mentioned	
	(3) Inside height	To be mentioned	
	(4) Overall height	To be mentioned	
	h. Wheel base	To be mentioned	
	i. Front over hang	To be mentioned	
	k. Rear over hang	To be mentioned	
12	Engine:		
	a. Make & Model	To be mentioned	
	b. Type of engine	To be mentioned	
	c. Country of origin	Gp A	
	d. Country of manufacture		
	e. Country of assembly		
	f. Year of production	Not before the year of contract	
	g. No of cylinder	Minimum 6	
	h. Power	160 HP (Minimum) rated RPM to be mentioned	
	i. Torque with rpm	To be mentioned	
	k. Piston displacement	To be mentioned	
	l. Compression ratio	To be mentioned	
	m. Fuel	Diesel	
	n. Cooling system type	Water Cooled.	
	p. Bore & Stroke	To be mentioned	
	q. Type of fuel injection pump	To be mentioned	
	r. Air cleaner type	To be mentioned	
	s. Water Resistant Engine	To be provided	
	t. Engine life before 1 st overhauling (In mileage and hour)	To be mentioned	
	u. Engine test bench Report and certificate	Engine Test Bench Report which was prepared by manufacturer during production of engine at manufacturing factory must be produced and submitted to the PSI team for each model. Other engines (mentioning engine number) of the same model must be certified confirming the engine Test Bench Report by the manufacturer (duly signed and stamped)	

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Ser	Description	Specification Required	To be filled up by the Manufacturer/Principal
13.	Speed		
	a. Highway (Maximum speed)	To be mentioned	
	b. X-Country (max)	To be mentioned	
14.	Transmission system:		
	a. Make, Type and Model	Manual (Make and Model to be mentioned)	
	b. No of Gear	Minimum 4 forward & 1 Reverse	
	c. Gear ratio	To be mentioned	
	d. Country of Origin	Gp A	
	e. Country of manufacture		
	f. Country of assembly		
15.	Transfer Cases	2 Speed (minimum)	
	a. Make and Model	To be mentioned	
	b. Country of Origin	Gp A	
	c. Country of manufacture		
16.	Clutch Type & Model	To be mentioned	
17.	Suspension :		
	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	
18.	Axle Load		
	a. Front Axle Load	To be mentioned	
	b. Rear Axle Load	To be mentioned	
	c. Make	To be mentioned	
	d. Country of origin	Gp A	
	e. Country of manufacturer		
19.	Axle type :		
	a. Front axle type	To be mentioned	
	b. Rear axle type	To be mentioned	
20.	Brake :		
	a. Service brake	Air controlled/Air over hydraulic dual circuit/Power assisted	
	b. Parking brake	Mechanical/Power assisted	
	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)	
21.	Electrical system :		
	a. System	24 Volt	
	b. Battery	2 x 12Volt, AH to be mentioned	
	c. Alternator	24Volt, Amp to be mentioned	
	d. Starter Motor	24Volt KW to be mentioned	
22.	Wheels :		
	a. Tyre type	Radial Tyre Tube type	
	b. Tyre size	To be mentioned	
	c. Total No of Tyre	To be mentioned	
	d. Brand	Michelin/ Bridgestone/ Dunlop/ Goodyear / Yokohama/ Toyo/ Uniroyal/ Continental/ Folda/ Firestone/Armstrong/AMTEL	
	e. No of ply	To be mentioned	
	f. Tyre Tread pattern	ND, GG, CC	
	g. Country of origin	USA/Japan/ EU countries/ Russia/Brazil / Indonesia/ Malaysia/ Philippines / Singapore/ Thailand	
	h. Rim Size	20" and type /Characteristic of wheel/rim to be mentioned	
23.	Steering	Power Steering	
24.	Chassis Frame		
	a. Length	To be mentioned	
	b. Type	To be mentioned	
	c. Country of Origin	Gp A	
	d. Country of Manufacturer		
	e. Country of Assembly		
	f. 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)	
	g. Width	To be mentioned	
	h. Chassis thickness	To be mentioned	
	i. Chassis frame	To be mentioned	
25.	Cabin :		
	a. Type	Re-enforced structure, hard top insulated	
	b. Material	To be mentioned	
	c. Observatory hatch	To be available, details to be mentioned	
26.	Rear body dimension:		
	a. Length	To be mentioned	
	b. Width	To be mentioned	
	c. Height	To be mentioned	
27.	Standard Accessories :		
	a. Differential lock/ limited slip differential/Non Spin differential	To be available at both front & rear	

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Ser	Description	Specification Required	To be filled up by the Manufacturer/Principal
	b. Self-Recovery	Mechanical/ Hydraulic winch at front having 5 ton capacity for self-recovery for 10% of the vehicle (Brand, origin, capacity, length and dia or rope to be mentioned)	
	c. Towing Attachment	Towing attachment including 12 pin electric connector NATO Standard for trailer, Rotating type pintle hook at height of 2', 10"	
	d. Black out light	(1) 02 X Black out indicator and side light NATO Standard at front RH & LH	
		(2) 02 X Black out comb (stop and side) light NATO Standard at rear RH & LH.	
		(3) 01 X Black out convoy light at rear.	
		(4) 01 X Black out driving light NATO Standard at front RH.	
	e. Tool box and Jerrican	01 X tool box and double jerrican carrier to be provided below the load body with external lockers	
	f. Spare wheel & tyre hanger	01 X spare wheel with lifting and hanging facilities to be provided.	
	g. Towing hook capacity	Minimum 3 Ton	
	h. Pintle hook	Rotating type (NATO Standard) 5 ton capacity (Minimum)	
28.	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.	
29.	Emission level	Should be as per manufacturer's country standard. Standard to be mentioned	
30.	Daily Endurance	480 km/day (Nonstop)	
31.	a. Maintainability of the vehicle should be able to be easily maintained by the existing Bangladesh Army drivers.	To be confirmed by supplier and manufacturer	
	b. All spares to be easily available in Bangladesh. Local agent should have their own 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.	To be confirmed by supplier and manufacturer	
32.	Stowage Accessories		
	a. Tyre inflator	Tyre inflator complete with required high pressure hose, adaptor, pressure gauge & nozzle (from the main air compressor to all wheels)	
	b. Window glass	Fixed type window glass to be provided at rear of cab for visual communication with troops on load body.	
	c. Wind screen washer unit	Front windshield glass washer to be equipped.	
	d. 02 X Sun visor	To be provided	
	e. 02 X Rear view mirrors with minimum one down view mirrors opposite to driver's side.	To be provided	
	f. 01 X Rear view mirror inside the cabin.	To be provided	
	g. Canopy for load body	To be provided	
	h. Drivers & Co-drivers Seat belts	To be provided	
	j. Rifle clips inside the cabin for placing two rifles.	To be Provided	
	k. Attachment points/hooks.	Attachment points/hooks for load restraint straps and chain for securing ammunition boxes and conventional loads to be provided	
	l. Reverse light along with head light, tail light, side light, indicator light, cabin light, all dash board indicator, KM metre 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	
	m. Fog head lights at front for driving foggy weather	To be provided	
	n. Air Cooler, Heater & defroster	To be mentioned	
	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	Fire extinguisher A.B.C.E type 3 kg complete with chemical and fixing bracket to be provided	
	r. Tying hooks for canopy /ropes	To be provided	
	s. Hydraulic Jack with handle 10 ton capacity.	To be provided	
	t. Inspection lamp	Inspection lamp complete with 10 meters cable, plug and socket in the vehicle	
	u. 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	

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Ser	Description	Specification Required	To be filled up by the Manufacturer/Principal
	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 and nozzle :1 Set	
	v. Windshield Glass	Laminated type to be provided	
33.	Publication :		
	(a) Owner's/Operators Manual English (Book type)	01 copy each vehicle & 04x additional (In original) to be provided	
	(b) Workshop/Repair Manual in English (Book type)	To be decided by EME Dte 1 x Copy for evaluation	
	(c) 100% updated masters spare parts Catalogue in English (book type)	To be decided by EME Dte 1 Copy for evaluation	
	(e) Updated spare parts price list in English (Book type) showing 100% spares	To be decided by EME Dte 1 Copy for evaluation	
34.	Colour :		
	a. Vehicle	Combat colour (Non-Shining)	
	b. Canopy	Combat colour (Non -Shining)	
35.	Model Validity	Min 10 years	
36.	Fast and Slow moving spare parts availability	Min 15 years	
37.	Training	To be mentioned	
38.	A list of 10% (Fast and slow moving) spares	The list should be covered with maintenance, repair Kit and fit man item only.	
39.	Repair, maintenance and after sale svc support from local firm	Level of repair facilities available like field repair, overhauling to be mentioned in detail	
40.	Brochures/Catalogues(In original)	To be provided	
41.	List of standard service tools (SST)	List to be provided	
42.	Standard service material(SSM)	List to be provided	
43.	Authorization certificate in favour of local agent by principal	To be provided	
44.	Authorization certificate in favour principal by manufacturer	To be provided	
45.	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
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

