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Ministry of Defence
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06.06.0000.214.eval.24/Forklift less 5 Ton

08 Agrahayan 1433

23 November 2026

STANDARDIZATION/ EVALUATION OF FORKLIFT LESS THAN 5 TON

Reference:

A. Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate letter number 23.01.901.048.06.079.01.16.11.26 Dated 16 Nobember 2026 (Not to all).

1. Please be informed that Bangladesh Army is planning for standardization/evaluation of Forklift less than 5 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 **10 December 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 Forklift less than 5 Ton- 01 Set.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

Army Headquarters, General Staff Branch, Weapon Equipment and Statistic Directorate
Army Headquarters, Master General of the Ordnance Branch, Ordnance Directorate
Army Headquarters, Master General of the Ordnance Branch, Inspection and Technical Development 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: FORKLIFT LESS THAN 5 TON

Serial	Description of Technical Specifications	Required Technical Specifications	Fill up by Supplier
General Specifications of Operational functions and capabilities.			
1.	Name of the Local Agent with full address	To be mentioned	
2.	Name of the Manufacturer with full address	To be mentioned	
3.	Name of the Principal with full address	To be mentioned	
4.	Nomenclature	Forklift Less Than 5 Ton	
5.	Make & Model	To be mentioned	
6.	a. Country of Origin	Group-B	
	b. Country of Manufacturer	Group-B	
	c. Country of assembly	Group-B	
Technical Specifications.			
7.	Drive Configuration	4x4/4x2	
8.	Lifting Capacity	To be mentioned	
9.	**Forklift Characteristics & Dimensions.**		
	a. Mast & Fork Operation (Hydraulic/ any other)	To be mentioned	
	b. Overall Dimension (Length x Width x Height in mm)	To be mentioned	
	c. Overhead guard height (mm)	To be mentioned	
	d. Wheel Base (mm)	To be mentioned	
	e. Turning Radius	To be mentioned	
	f. Tread front	To be mentioned	
	g. Traed rear	To be mentioned	
	h. Load Centre (in mm)	To be mentioned	
	j. Mast height (Fully extended - in mm)	To be mentioned	
	k. Mast height (Mast closed - in mm)	To be mentioned	
	l. Free lift (in mm)	To be mentioned	
	m. Max fork height/ lifting height (in mm)	To be mentioned	
	n. **Mast Tilt (Forward/ Backward)**		
	(i) Operation (Hydraulic/ any other)	To be mentioned	
	(ii) Range (in Degree)	To be mentioned	
	p. **Side Shift Attachment**	To be mentioned if available	
	(i) Operation (Hydraulic/ any other)	To be mentioned	
	(ii) Range (in mm)	To be mentioned	
	q. **Fork Spacer**	To be mentioned if available	
	(i) Operation (Hydraulic/ Mechanical/Manual)	To be mentioned	
	(ii) Space in between forks (Maximum – Minimum in mm)	To be mentioned	
	r. Fork extension	To be mentioned	
	s. Ground Clearance	To be mentioned	
	t. Gradeability (in percentage)	To be mentioned	
10.	**Weight.**		
	a. Pay Load	To be mentioned	
	b. Kerb weight	To be mentioned	

Serial	Description of Technical Specifications	Required Technical Specifications	Fill up by Supplier
	c. Gross Vehicle Weight (GVW)	To be mentioned	
11.	**Speeds**.		
	a. Travel max (With/ Without load in mm/s)	To be mentioned	
	b. Lifting (With/ Without load in mm/s)	To be mentioned	
	c. Lowering (With/ Without load in mm/s)	To be mentioned	
12.	**Engine**.		
	a. Type	Details be mentioned	
	b. Make & Model	To be mentioned	
	c. Country of Origin	Group-B	
	d. Country of manufacturer	Group-B	
	e. Country of assembly	Group-B	
	f. Year of producction	Not before the year of contract	
	g. Number of Cylinder	To be mentioned	
	h. Piston Displacement	To be mentioned	
	j. Compression Ratio	To be mentioned	
	k. Horse Power with rpm	To be mentioned	
	l. Maximum Torque with rpm	To be mentioned	
	m. Engine Test Bench Report	1. Engine Test Bench Report for all engines prepared by manufacturer during production of engine at 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. Cooling system	Liquid cooled	
	p. Emission Standard	Euro-3 or Equivalent	
13	**Fuel System**.		
	a. Type of Fuel	Diesel	
	b. Injection Type (direct/Electronically Controled)	To be mentioned	
	c. Fuel Injection Pump	To be mentioned	
	d. Fuel Tank Capacity	To be mentioned	
	e. Fuel consumption (for 1 hour)	To be mentioned	
14.	**Brake System**.		
	a. Service brake	To be mentioned	
	b. Parking brake	To be mentioned	
	c. Emergency brake (if any)	To be mentioned	
15.	**Electric System**.		
	a. Voltage	To be mentioned	
	b. Battery		

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Serial	Description of Technical Specifications	Required Technical Specifications	Fill up by Supplier
	(i) Number of Battery	To be mentioned	
	(ii) Volt and AH	To be mentioned	
	c. Alternator (Volt and Amp)	To be mentioned	
	d. Starter (Volt and KW)	To be mentioned	
16.	Steering system	To be mentioned	
17.	**Transmission.**		
	a. Type	To be mentioned	
	b. Make & Model	To be mentioned	
	c. Country of Origin	Group-B	
	d. Country of Manufacturer	Group-B	
	e. Country of Assembly	Group-B	
	f. Gear Ratio	To be mentioned	
	g. No of gear	To be mentioned	
	h. Clutch	To be mentioned	
18.	Type of Steering	Power Steering	
19.	**Transfer Case.**		
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-B	
	c. Country of Manufacturer	Group-B	
	d. Country of Assembly	Group-B	
20.	**Chassis.**		
	a. Type	To be mentioned	
	b. Country of Origin	Group-B	
	c. Country of Manufacturer	Group-B	
	d. Country of Assembly	Group-B	
21.	**Front Axle.**		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-B	
	d. Country of Manufacturer	Group-B	
	e. Country of Assembly	Group-B	
22.	**Rear Axle.**		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-B	
	d. Country of Manufacturer	Group-B	
	e. Country of Assembly	Group-B	
23.	**Tyre.**		
	a. Tyre Size	To be mentioned	
	b. Tyre Brand	Bridgestone/Dunlop/Goodyear/Yokohama/ Toyo/ Uniroyal/ Continental/ Michelin/Folda/Firestone/ Armstrong /AMTEL/Pirelli/ Hankook, Kumho and OEM Brand	
	c. Country of Origin	USA, Japan, EU Countries, Russia, Brazil, Indonesia, Malaysia, Philippines Singapore, Thailand, South Korea and OEM Country	
	d. Tyre Pattern	Non-directional (ND) Ground Grip (GG) and Cross country (CC).	
	e. Rim size	To be mentioned	
	f. Tyre quantity	To be mentioned	

Serial	Description of Technical Specifications	Required Technical Specifications	Fill up by Supplier
24.	Operational Temperaturre	To be mentioned	
25.	ISO Certificate	To be submitted	
26.	Whether the Forklift can be accommodated inside 20 ft container	To be mentioned	
27.	Towing hook/pin	To be mentioned	
28.	**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	
29.	**Accessories**.		
	a. Fire Extinguisher 1 Kg capacity for A, B C & E type with bracket and chemical filled to be fitted at the side of driver seat	To be provided	
	b. 02 x Towing hook at front	To be provided	
	c. 02 x Outside rear view mirror with stands/brackets	To be fitted	
	d. Seat belt for seat	To be provided	
30.	**Tools Set**.		
	a. 01 x Standard hydraulic jack with handle	To be provided	
	b. 01 x Wheel wrench with handle	To be provided	
	c. 01 x Adjustable wrench	To be provided	
	d. 01 x Pliers	To be provided	
	e. 01 x Screw driver (Flat & Philips head) with handle	To be provided	
	f. 02 Nos. Double ended spanner	To be provided	
	g. Grease gun with replaceable tip locally	To be provided	
	h. Tyre pressure gauge	To be provided	
	j. 01 x Tool bag for above tools	To be provided	
31.	Colour	As per indentor requirements	
32.	**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)	

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Serial	Description of Technical Specifications	Required Technical Specifications	Fill up by Supplier
33.	**Publications**.		
	a. Driver's/Owner's manual in English for Vehicle (Complete Book type) with CD/DVD	To be provided as per requirement of EME Dte	
	b. Updated workshop/repair manual (for vehicle) in English (Complete Book type) with CD/DVD.	To be provided as per requirement of EME Dte	
	c. Spare Parts Catalogue in English Book type with CD/DVD.	To be provided as per requirement of EME Dte	
	d. Spare Parts Price Catalogue in English Book type with CD/DVD.	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	
34.	Fast and slow moving spare parts	List to be provided as per requirement of EME Dte	
35.	Analyzer, measuring & testing/fault finding and diagnostic set	To be provided as per requirement of EME Dte	
36.	Special Service Tools (SST)	List to be provided as per requirement of EME Dte	
37.	Special Service Materials (SSM)	List to be provided as per requirement of EME Dte	
Terms and Conditions.			
38.	Validity of Model	Minimum 10 years	
39.	Provision of Supply of Spares	Minimum 15 years	
40.	Time of Free Service	1 Year	
41.	Warranty/Guarantee	2 Year from the date of receipt of equipment by user unit after accepted by IV&EE	
42.	Technical Offer should be on the Original Pad of Principal/ Manufacturer with Sign and Seal, all technical parameters should be supported by detail diagram of forklift, original brochure and other documents	To be submitted	
43.	Authorization Certificate to be Provided by Manufacturer in Favour of Principal	To be submitted	
44.	Authorization Certificate to be Provided by Principal in favour of local agent	To be submitted	
45.	After Sales service, Repair and Maintenance by local agent	Details to be mentioned	
46.	Production Date	Manufactured not before the year of contract	
47.	Any other	To be mentioned	