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26 Ashwin 1433

05 October 2026

06.06.0000.214.eval.24/Forklift (Med)

**STANDARDIZATION/ EVALUATION OF FORKLIFT (MEDIUM) (CAPACITY 5 TO LESS THAN 10 TON)**

Reference:

A. Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate letter number 23.01.901.048.06.079.01.01.10.26 Dated 01 October 2026 (Not to all).

"তথ্য ও প্রযুক্তির নিরাপদ ব্যবহার  
যেহে সেনাবাহিনীর অঙ্গীকার"

1. Please be informed that Bangladesh Army is planning for standardization/evaluation of Forklift (Medium) (Capacity 5 to less than 10 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 **25 October 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 (Medium) (Capacity 5 to less than 10 Ton-01 Set.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

Army Headquarters, General Staff Branch, Weapon Equipment and Statistic Directorate

Army Headquarters, Engineer in Chief's Branch, Engineer 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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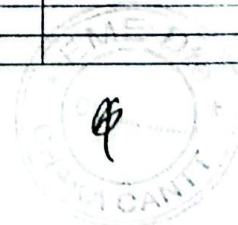
**GENERAL SPECIFICATIONS: FORKLIFT (MED) (CAPACITY 5 TO LESS THAN 10 TON)**

| Serial                                                                  | Nomenclature/Description                              | Required Specification                     | Fill up by supplier |
|-------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------|---------------------|
| <b>General Specifications of Operational functions and capabilities</b> |                                                       |                                            |                     |
| 1.                                                                      | Name of the Local Agent with full address             | To be mentioned                            |                     |
| 2.                                                                      | Name of the Principal with full address               | To be mentioned                            |                     |
| 3.                                                                      | Name of the Manufacturer with full address            | To be mentioned                            |                     |
| 4.                                                                      | Nomenclature                                          | Forklift (Med) (Cap 5 to Less Than 10 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                                    |                     |
| <b>Technical Specifications</b>                                         |                                                       |                                            |                     |
| 7.                                                                      | Drive Configuration                                   | 4x4/4x2                                    |                     |
| 8.                                                                      | Lift Capacity                                         | Cap 5 to less than 10 Ton                  |                     |
| 9.                                                                      | <b>Forklift Characteristics &amp; Dimentions</b>      |                                            |                     |
|                                                                         | 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 (in mm)                             | 3000 mm + 5% (maximum)                     |                     |
|                                                                         | f. Load Centre (in mm)                                | To be mentioned                            |                     |
|                                                                         | g. Mast height (Fully extended - in mm)               | To be mentioned                            |                     |
|                                                                         | h. Mast height (Mast closed - in mm)                  | To be mentioned                            |                     |
|                                                                         | i. Free lift (in mm)                                  | To be mentioned                            |                     |
|                                                                         | k. Max fork height/ lifting height (in mm)            | To be mentioned                            |                     |
|                                                                         | l. Mast Tilt (Forward/ Backward)                      |                                            |                     |
|                                                                         | (i) Operation (Hydraulic/any other)                   | To be mentioned                            |                     |
|                                                                         | (ii) Range (in Degree)                                | 5°/10° Minimum                             |                     |
|                                                                         | m. Side Shift Attachment                              | To be mentioned if available               |                     |
|                                                                         | (i) Operation (Hydraulic/any other)                   | To be mentioned                            |                     |
|                                                                         | (ii) Range (in mm)                                    | To be mentioned                            |                     |
|                                                                         | n. 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                            |                     |
|                                                                         | p. Fork extension                                     | To be mentioned                            |                     |
| 10.                                                                     | <b>Weight</b>                                         |                                            |                     |
|                                                                         | a. Pay Load                                           | To be mentioned                            |                     |
|                                                                         | b. Kerb weight                                        | To be mentioned                            |                     |
|                                                                         | c. Gross Vehicle Weight (GVW)                         | To be mentioned                            |                     |
| 11.                                                                     | <b>Speeds</b>                                         |                                            |                     |
|                                                                         | 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.                                                                     | <b>Engine</b>                                         |                                            |                     |
|                                                                         | 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. Horse Power with rpm                               | To be mentioned                            |                     |
|                                                                         | g. Maximum Torque with rpm                            | To be mentioned                            |                     |



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| Serial | Nomenclature/Description     | Required Specification                                                                                                                                                                                                                                                                                                                                                                                                                            | Fill up by supplier |
|--------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|        | h. Number of Cylinder        | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | j. Piston displacement (CC)  | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | k. 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.<br>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. |                     |
|        | l. Cooling system            | Liquid cooled                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |
|        | m. Emission standard         | Euro 3 or 4                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |
| 13.    | <b>Fuel System</b>           | Manual/ EFI (to be mentioned)                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |
|        | a. Type of Fuel              | Diesel                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |
|        | b. Fuel Injection Pump       | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | c. Fuel Tank Capacity        | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 14.    | <b>Brake System</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | a. Service brake             | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | b. Parking brake             | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | c. Emergency brake (if any)  | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 15.    | <b>Electric System</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | a. Voltage                   | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | b. Battery                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | (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.    | <b>Transmission.</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | a. Make & Model              | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | b. Country of Origin         | Group-B                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
|        | c. Country of Manufacturer   | Group-B                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
|        | d. Country of Assembly       | Group-B                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
|        | e. Gear Ratio                | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 18.    | Type of Steering             | Power Steering                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |
| 19.    | <b>Transfer Case.</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | 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.    | <b>Chassis.</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | a. Type                      | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | b. Country of Origin         | Group-B                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
|        | c. Country of Manufacturer   | Group-B                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
|        | d. Country of Assembly       | Group-B                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
| 21.    | <b>Front Axle.</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | 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.    | <b>Rear Axle.</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | a. Type                      | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|        | b. Axle Capacity             | To be mentioned                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |



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| Serial                      | Nomenclature/Description                                                                                           | Required Specification                                                                                                             | Fill up by supplier |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|                             | c. Country of Origin                                                                                               | Group-B                                                                                                                            |                     |
|                             | d. Country of Manufacturer                                                                                         | Group-B                                                                                                                            |                     |
|                             | e. Country of Assembly                                                                                             | Group-B                                                                                                                            |                     |
| 23.                         | <b>Tyre</b>                                                                                                        |                                                                                                                                    |                     |
|                             | 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, Russia, Brazil, Indonesia, Malaysia, Philippines Singapore, Thailand and South Korea                     |                     |
|                             | d. Tyre Pattern                                                                                                    | Non-Directional (ND) Ground Grip (GG) and Cross country (CC).                                                                      |                     |
| 24.                         | Whether the Forklift can be accommodated inside 20 ft container                                                    | To be mentioned                                                                                                                    |                     |
| 25.                         | Towing hook/pin                                                                                                    | To be mentioned                                                                                                                    |                     |
| 26.                         | <b>Petrol Oil Lubricant (POL) Information.</b> 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                                                            |                     |
| 27.                         | Colour                                                                                                             | As per indentor requirements                                                                                                       |                     |
| 28.                         | <b>Training Requirements.</b>                                                                                      |                                                                                                                                    |                     |
|                             | a. User Training                                                                                                   | To be provided (As per User/Sponsor Directorate)                                                                                   |                     |
|                             | b. Operation, Repair and Maintenance Training                                                                      | To be provided (As per requirement of EME Directorate)                                                                             |                     |
|                             | c. Equipment Management Training                                                                                   | To be provided (As per requirement of Ordnance Directorate)                                                                        |                     |
| 29.                         | <b>Publications</b>                                                                                                |                                                                                                                                    |                     |
|                             | 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                                                                                       |                     |
| 30.                         | Fast and slow moving spare parts                                                                                   | List to be provided as per requirement of EME Dte                                                                                  |                     |
| 31.                         | Analyzer, Measuring & Testing/Fault Finding and Diagnostic set                                                     | To be provided as per requirement of EME Dte                                                                                       |                     |
| 32.                         | Special Service Tools (SST)                                                                                        | List to be provided as per requirement of EME Dte                                                                                  |                     |
| 33.                         | Special Service Materials (SSM)                                                                                    | List to be provided as per requirement of EME Dte                                                                                  |                     |
| <b>Terms and Conditions</b> |                                                                                                                    |                                                                                                                                    |                     |
| 34.                         | Validity of Model                                                                                                  | Minimum 10 years                                                                                                                   |                     |
| 35.                         | Provision of Supply of Spares                                                                                      | Minimum 15 years                                                                                                                   |                     |



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| Serial | Nomenclature/Description                                                                                                                                                                                      | Required Specification                                                            | Fill up by supplier |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------|
| 36.    | Time of Free Service                                                                                                                                                                                          | 1 Year                                                                            |                     |
| 37.    | Warranty/Guarantee                                                                                                                                                                                            | 1 Year from the date of receipt of equipment by user unit after accepted by IV&EE |                     |
| 38.    | 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                                                                   |                     |
| 39.    | Authorization Certificate to be Provided by Manufacturer in Favour of Principal                                                                                                                               | To be submitted                                                                   |                     |
| 40.    | Authorization Certificate to be Provided by Principal in favour of local agent                                                                                                                                | To be submitted                                                                   |                     |
| 41.    | After Sales service, Repair and Maintenance by local agent                                                                                                                                                    | Details to be mentioned                                                           |                     |
| 42.    | Production Date                                                                                                                                                                                               | Manufacture not before the year of contract                                       |                     |
| 43.    | Any other                                                                                                                                                                                                     | To be mentioned                                                                   |                     |

