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06 Magh 1432

06.06.0000.221.Re-Eval (Motor Grader).25(P-2&3)

20 January 2026

RE-EVALUATION OF TRACK DOZER (MEDIUM)

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901. 055.02.192.01.15.01.26/1 dated 15 January 2026 (Not to all).

1. It is to inform you that Bangladesh Army is planning to procure **Track Dozer (Medium)**. Bangladesh Army needs to standardize more models for the equipment. Therefore, interested firms are requested to provide necessary offers, brochures, catalogues, technical/training/operational/ maintenance manuals and other necessary documents etcetera (each in duplicate) for the standardization of the said equipment. The detailed information/documents have to be sent directly to **Army Headquarters, Engineer in Chief's Branch, Engineer Directorate, E-mail: engrdte@army.mil.bd by 25 January 2026** with an intimation to this Directorate General please. Please note that, the offered models should be compatible with preliminary specification attached as Annex A to this letter. Short fall of any information will disqualify the offer. Also, kindly be requested to provide enlistment certificate of DGDP along with the technical offer.

2. Your co-operation will be highly appreciated.



SHEULY AKTER
Lieutenant Colonel
For Director General

Enclosure:

1. Preliminary Specification of Track Dozer (Medium)-05 (Five) pages Only.

Distribution:

External:

Action:

(All Concerned Firm/Supplier)

Information:

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

Army Headquarters, Engineer in Chief's Branch (Coordination)

Army Headquarters, Engineer in Chief's Branch, Engineer Directorate

Army Headquarters, Master General of Ordnance Branch, Ordnance Directorate

Internal:

Action:

IT Section - (For flashing on DGDP web site).

Notice Board

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AHQ_E IN C'S BR (ENGR DTE)

LTR NO. 23.01.901.055.02.192.01.15.01.26

DT: 15 JAN 2026

PRELIMINARY TECHNICAL SPECIFICATION OF TRACK DOZER (MEDIUM)

Ser	Description	Required Technical Specification	Remarks
Part-1: General Specification			
1.	Name of the Equipment	Track Dozer (Medium)	
2.	Name and Complete Address of the Local Agent (Address, Telephone, Fax, E-mail and website)	To be mentioned	
3.	Name and Complete Address of the Manufacturer (Address, Telephone, Fax, E-mail and website)	To be mentioned	
4.	Name and Address of the Principal (Address, Telephone, Fax, E-mail and website)	To be mentioned	
5.	Make & Model	To be mentioned	
6.	Country of Origin	To be mentioned	
7.	Country of Manufacturer		
8.	Country of Assembly	To be mentioned	
9.	Year of Production	Not before the year of contract	
Part-2: Technical Specification			
10.	Overall Dimension		
	a. Length with blade	To be mentioned	
	b. Length of basic equipment	To be mentioned	
	c. Width with blade	To be mentioned	
	d. Width without blade	To be mentioned	
	e. Height	To be mentioned	
11.	Operating Weight	To be mentioned	
12.	Ground Clearance	To be mentioned	
13.	Gradeability	Minimum 30°	
14.	Turning radius	Maximum 6 m	
15.	Blade		
	a. Type	Angling and Tilting	
	b. Make and Model	To be mentioned	
	c. Country of Origin	To be mentioned	
	d. Length	To be mentioned	
	e. Width	3500 mm to smaller than 5000 mm	
	f. Height	To be mentioned	
	g. Lifting Height (Lift above from ground)	To be mentioned	
	h. Depth of Cutting/digging	Minimum 500 mm	
	j. Capacity	To be mentioned	
	k. Blade angle	To be mentioned	

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Ser	Description	Required Technical Specification	Remarks
16.	<u>Track</u>		
	a. Country of Origin	To be mentioned	
	b. No of Shoe (Each side)	To be mentioned	
	c. Width of Shoe	To be mentioned	
	d. No of roller (Each side)	To be mentioned	
	e. Length of track on ground	To be mentioned	
	f. Track gauge	To be mentioned	
	g. Ground contact area in respect of width of shoes	To be mentioned	
17.	<u>Engine</u>		
	a. Make & Model	To be mentioned	
	b. Type	4 stroke, water cooled, diesel engine	
	c. Country of Origin	To be mentioned	
	d. Country of Manufacturer		
	e. Country of Assembly	To be mentioned	
	f. Year of Production	Not before the year of Contract	
	g. Rated horse power with rpm	141-250 HP @ rpm	
	h. Minimum Torque at rated rpm	To be mentioned	
	j. No of Cylinder	Minimum 6 cylinder	
	k. Bore and Stroke	To be mentioned	
	l. Displacement	To be mentioned	
	m. Combustion System	Direct Injection	
	n. Cooling System	Water Cooled	
	p. Engine test bench 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)	
18.	Fuel tank capacity	To be mentioned	
19.	<u>Electric System</u>		
	a. Volt	To be mentioned	
	b. Battery	Volt & AH to be mentioned	
	c. Alternator	Volt & Amp to be mentioned	
	d. Starter (Volt and Kw)	Volt & Kw to be mentioned	
20.	Lighting System	Head light, Turn signal, work & backup light and other related accessories	

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Ser	Description	Required Technical Specification	Remarks
21.	<u>Transmission</u>		
a.	Type	Hydraulic power Transmission	
b.	Make & Model	To be mentioned	
c.	Country of Origin	To be mentioned	
d.	Country of Manufacturer	To be mentioned	
e.	Maximum Speed	Maximum Forward Speed to be mentioned Maximum Reverse Speed to be mentioned	
22.	Steering System	To be mentioned	
23.	<u>Hydraulic</u>		
a.	Hydraulic System	Details to be mentioned	
b.	Country of Origin	To be mentioned	
c.	Country of Manufacturer	To be mentioned	
24.	<u>Brake system</u>		
a.	Service Brake	To be mentioned	
b.	Parking Brake	To be mentioned	
25.	Cab (Cabin)	Cab with ROPS to be provided	
26.	Colour	As per tender requirement	
27.	Optional Item	Winch variable speed (If required) (Details of winch to be mentioned, Winch Make & Model, Country of Origin, Drum Dia, Rope Dia and Length)	
28.	<u>Petrol Oil & Lubricant (POL) information</u>	The following information must be submitted with the offer	
a.	Detail maintenance schedule of Equipment & Engine	Information to be submitted. The require Petrol Oil & Lubricant (POL) information to be submitted in compatible with Bangladesh Army	
b.	Grade of diesel used in Equipment		
c.	Type of Engine Oil used in Equipment		
d.	Type of gear Oil used in Equipment		
29.	Gauges	Necessary gauges including hour meter will be provided to make the equipment fully operational	
30.	List of Standard Tools	Details list to be provided	
31.	List of Standard Accessories	Details list to be provided	
32.	Operational Temperature	-5°C to +55°C	
33.	Maintenance	Details to be mentioned	
34.	ISO Certificate or Similar Rating	To be provided by the manufacturer	
Part-3: Training Requirement			
35.	a. User Trg	To be provided (As per requirement of Engr Dte)	
	b. Op, repair and maint Trg	To be provided (As per requirement of EME Dte)	

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Ser	Description	Required Technical Specification	Remarks
	c. Eqpt mgt Trg	To be provided (As per requirement of Ord Dte)	

Part-4: Repair and Maintenance Requirement Less List of Spares

36.	a. Books & Publications		
	(1) Owners/Operations Manual in English (Book Type including CD/DVD)	To be provided (As per requirement of EME Dte)	
	(2) 100% Updated Master Spare Parts Catalogue in English (Book Type including CD/DVD)	To be provided (As per requirement of EME Dte)	
	(3) Complete and Updated Master Spare Parts price Catalogue in English (Book Type including CD/DVD)	To be provided (As per requirement of EME Dte)	
	(4) Workshop/Repair Manual in English (Book Type)	To be provided (As per requirement of EME Dte)	

Part-5: List of Spares

37.	List of Fast and Slow Moving Spare Parts	To be provided (As per requirement of EME Dte)	
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Part-6: Tool List for Different Level of Maintenance

38.	a. Analyzer, measuring & testing/Fault finding and diagnostic set	To be provided (As per requirement of EME Dte)	
	b. Special Service Tools (SST)	To be provided (As per requirement of EME Dte)	
	c. Special Service Materials (SSM)	To be provided (As per requirement of EME Dte)	
39.	Certificate on spare parts availability in Bangladesh	Certificate to be submitted from manufacturer	
40.	List and certificate on usage of the equipment by other organizations or agencies in Bangladesh	List and certificate to be submitted from manufacturer	
41.	List and certificate of local after-sales-service workshop in Bangladesh who can provide spares of the equipment readily	To be confirmed by the manufacturer as the technical requirement	
42.	Detailed address of after-sales-service workshop in Bangladesh	Detailed address to be mentioned	
43.	Location of Stage Inspection/ Pre-Shipment Inspection	Stage inspection/ Pre-Shipment Inspection with address in respect of major components (manufacturing plant/ assembly plant or in both)	

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Ser	Description	Required Technical Specification	Remarks
44.	<u>Note:</u> Following information's/documents to be supplied along with the offer:		
	a. Details of working principle	Details mentioned in the operation manual	
	b. Functional/Users training in country to be provided by foreign/Local expert	Functional/user training in country will be provided by certified Local expert/ engineers	
	c. Provision of supply of major spares for minimum 10 years	Certificate to be submitted	
	d. Provision of supply fast and slow moving spares for minimum 15 years	Certificate to be submitted	
	e. Model validity in years (minimum 10 years)	Certificate to be submitted	
	f. Any other relevant technical information may also be enclosed	To be mentioned	
<u>Part-7: Financial Specification</u>			
45.	Financial requirement	To be provided (As per requirement of Ord Dte)	