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15 Magh 1431

29 January 2025

06.06.0000.221.Re-Eval TD(Light).25(P-2&3)

RE-EVALUATION OF TRACKED DOZER (LIGHT)

Reference:

A. Army Headquarters, Engineer in Chiefs Branch, Engineer Directorate letter number 23.01.901.055.02.192.01.22.01.25/2 dated 23 January 2025 (Not to all).

1. It is to inform you that Bangladesh Army is planning to procure **Tracked Dozer (Light)**. Bangladesh Army needs to standardize more models for the subject equipment. Therefore, interested firms are requested to provide necessary offers, brochures, catalogues, technical/ training/operational/ maintenance manuals 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, mail: engrdte@army.mil.bd by 06 February 2025** with an intimation to this Directorate General please. Please note that, the offered models should be compatible with updated technical 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 offer.

2. Following models of the said equipment were standardized. You are requested to provide following information/documents against the models:

Serial	Make & Model	Local Agent	Remarks
1.	Make: Case & Model: 1150M	M/S ACI Limited	a. Current production status Certificate from principal/ manufacturer along with seal & signature (If no longer in production) or b. Any amendment from the enclosed updated technical specification or c. Confirming the compliance of existing standardized model with the updated technical specification.
2.	Make: John Deere & Model: 550K-XLT	M/S Three A Enterprise	
3.	Make: Case & Model: 1150L	M/S ACI Limited	

3. Your co-operation will be highly appreciated.



MD ZAHIDUL KABIR
 Major
 For Director General

Enclosure:

1. Technical Specification of Tracked Dozer (Light)-04 (Four) pages Only.

Distribution:

External:

Action:

(All Concerned Firm/Supplier)

Information:

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

1 of 2

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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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ANNEX A

DGDP LETTER NO

06.06.0000.221.RE-EVAL

TD(LIGHT).25(P-2&3)

DATED: 29 JANUARY 2025

TECHINICAL SPECIFICATION OF TRACKED DOZER LIGHT
(Approved in General Staff Policy Committee Meeting 3/2015)

Ser	Description	Required Technical Specification	Remarks
1.	Name of the Equipment	Tracked Dozer Light	
2.	Name and Complete Address of Local Agent (Address, Telephone, Fax, E-mail and website)	To be mentioned	
3.	Name and Complete Address of Manufacturer (Address, Telephone, Fax, E-mail and website)	To be mentioned	
4.	Name and Complete Address of Principal (Address, Telephone, Fax, E-mail and website)	To be mentioned	
5.	Make and Model	To be mentioned	
6.	Country of Origin	Group A Country	
7.	Country of Manufacturer	Group A and B Country	
8.	Country of Assembly		
9.	Year of Production	Not before the year of Contract	
10.	<u>Overall Dimension (LxWxH)</u>		
	a. Length	Minimum 3800 mm	
	b. Width	Minimum 1800 mm	
	c. Height	To be mentioned	
11.	Operating Weight	7000-10000 Kg	
12.	Ground clearance	Minimum 300 mm	
13.	Gradeability	Minimum 30 ⁰	
14.	Drive Position	To be mentioned	
15.	<u>Blade</u>		
	a. Type	Angling and Tilting	
	b. Make & Model	To be mentioned	
	c. Country of Origin	To be mentioned	
	d. Length	Minimum 2600 mm	
	e. Width	Below 3500 mm	
	e. Height	Minimum 800 mm	
	f. Ground clearance	Minimum 700 mm (Lift above ground)	
	g. Depth of Cut/digging depth	Minimum 375 mm	
	h. Capacity	Minimum 1.5 m ³	
	j. Blade angle (Each side)	25 ⁰	
16.	<u>Track</u>		
	a. Country of Origin	To be mentioned	
	b. No of shoe (Each side)	To be mentioned	
	c. Width of shoe	Minimum 400 mm	

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Ser	Description	Required Technical Specification	Remarks
	d. No of roller (Each side)	To be mentioned	
	e. Length of track on ground	Minimum 2000 mm	
	f. Track gauge	Minimum 1400 mm	
	g. Ground contract area in respect of width of shoes	Minimum 1.7 m ²	
17.	Engine		
	a. Make & Model	To be mentioned	
	b. Type	4 stroke, diesel engine	
	c. Country of Origin	Group A Country	
	d. Country of Manufacturer	Group A and B Country	
	e. Country of Assembly		
	f. Year of Production	Not before the year of Contract	
	g. Rated horse power with rpm	80-140 HP @ rpm to be mentioned	
	h. Minimum Torque at rated rpm	Minimum 360 N-m @ rpm to be mentioned	
	j. Number of Cylinder	Minimum 4 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	To be provided during inspection of equipment	
18.	Fuel tank Capacity	Minimum 150 liters	
19.	Electric System		
	a. Volt	12/24 Volt	
	b. Battery	12/2x12 Volt & AH to be mentioned	
	c. Alternator	12/24 Volt & Amp to be mentioned	
	d. Starter (Volt & Kw)	12/24 Volt & Kw to be mentioned	
20.	Air Cleaner	To be mentioned	
21.	Lighting systems	Head light, Turn signal, work & backup light & other related accessories	
22.	Transmission		
	a. Type	Hydraulic Power Transmission	
	b. Country of Origin	Group A Country	
	c. Country of Manufacturer	Group A and B Country	
	d. Country of Assembly		
	e. Maximum Speed	Forward 8-12 km/h Reverse 8-15 km/h	
23.	Steering System	To be mentioned	
24.	Hydraulic		
	a. Hydraulic System	Details to be mentioned	
	b. Country of Origin	Group A Country	
	c. Country of Manufacturer	Group A and B Country	

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Ser	Description	Required Technical Specification	Remarks
25.	<u>Brake System</u>		
	a. Service Brake	Details to be mentioned	
	b. Parking Brake	Details to be mentioned	
26.	Cab (Cabin)	Cab with ROPS to be provided	
27.	Colour	As per tender requirement	
28.	Lights and Gauges	Necessary lights and gauges include hour meter will be provided to make the equipment fully operation	
29.	List of Standard Tools	Details list to be provided	
30.	List of Standard Accessories	Details list to be provided	
31.	<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	
	b. Grade of diesel used in Equipment	Information to be submitted	
	c. Type of Engine Oil used in Equipment	Information to be submitted	
	d. Type of gear Oil used in Equipment	Information to be submitted	
32.	Operational Temperature	-5 ⁰ C to +55 ⁰ C	
33.	Maintenance	Details to be mentioned	
34.	ISO Certificate or Similar Rating	ISO Certificate to be provided by the manufacturer	
<u>Part-3: Training Requirement</u>			
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)	
	c. Eqpt mgt Trg	To be provided (As per requirement of Ord Dte)	
<u>Part-4: Repair and Maintenance Requirement Less List of Spares</u>			
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)	

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Ser	Description	Required Technical Specification	Remarks
<u>Part-5: List of Spares</u>			
41.	List of Fast and Slow Moving Spare Parts	To be provided (As per requirement of EME Dte)	
<u>Part-6: Tool List for Different Level of Maintenance</u>			
42.	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)	
43.	Certificate on spare parts availability in Bangladesh	Certificate to be submitted from manufacturer	
44.	List and certificate on usage of the equipment by other organizations or agencies in Bangladesh	List and certificate to be submitted from manufacturer	
45.	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	
46.	Detailed address of after-sales-service workshop in Bangladesh	Details address to be mentioned	
47.	Location of Stage Inspection/ Pre-Shipment Inspection	Stage inspection/Pre-Shipment Inspection with address of respect of major components (manufacturing plant/assembly plant or in both)	
48.	<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 Tadano trained 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. List of spares, Special Service Tools (SST)/Special Service Material (SSM)	To be provided (As per requirement of EME Dte)	
	g. Any other relevant technical information may also be enclosed	To be mentioned	