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১৯ July 2017

**RE-EVALUTION OF TRACKED DOZER MEDIUM (OVER 200 HP)**

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901.055.02.192.03.16.07.17/Tr Dozer (Over) dated 16 July 2017.

It is to inform you that standardization of suitable models of **Tracked Dozer Medium (Over 200 HP)** for adoption in Bangladesh Army is under process. Therefore, all interested Firms/Suppliers are requested to forward necessary offer, brochures, catalogues, technical/training/operational/maintenance manuals and price list etcetera (each in duplicate) against each model directly to AHQ, E-in-C's Branch, Engineer Directorate by 25 July 2017. Offered models should be compatible with specification attached with this letter. Lack of any information will disqualify the offer.



SYED ASHIQUL ISLAM  
Major  
For Director General

Enclosure:

1. 02 Pages Technical Specification.

Distribution:

External:

Action:

(All Concerned Firm/Supplier)

Information:

Army Headquarters  
E-in-C's Branch  
Engineer Directorate

Internal:

Action:

IT Section - (For sending to enlisted Supplier/Firm with DGDP through email).

Notice Board

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ANNEX A TO  
ARMY HEADQUARTERS, ENGINEER IN CHIEF'S BRANCH  
ENGINEER DIRECTORATE LETTER NUMBER  
23.01.901.055.02.192.03.16.07.17  
DATED 16 JULY 2017

**TECHNICAL SPECIFICATION OF TRACKED DOZER MEDIUM (OVER 200 HP)**  
(Approved in General Staff Policy Committee Meeting 3/2015)

Ser	Description	Required Technical Specification	Remarks
1.	Name of the Equipment	Tracked Dozer Medium (Over 200 HP)	
2.	Name and Complete Address of the Local Agent	To be mentioned	
3.	Name and Complete Address of the Manufacturer	To be mentioned	
4.	Name and Address of the Principal	To be mentioned	
5.	Make & Model	To be mentioned	
6.	Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark, Finland, Germany, France, Hungary, Italy, Ireland, Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea	
7.	Country of Manufacturer		
8.	Country of Assembly		
9.	Year of Production	Not before the year of contract	
10.	<b>Overall Dimension</b>		
	a. Length with blade	Minimum 5800 mm	
	b. Length of basic equipment	Minimum 4500 mm	
	c. Width with blade	Minimum 3300 mm	
	d. Width without blade	Minimum 2400 mm	
	e. Height	Maximum 3900 mm	
11.	Operating Weight	Minimum 20000 Kg	
12.	Ground Clearance	Minimum 400 mm	
13.	Gradeability	Minimum 30°	
14.	Turning radius	Maximum 6 m	
15.	<b>Blade</b>		
	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. Height	Minimum 1100 mm	
	f. Ground Clearance	Minimum 1000 mm (Lift above ground)	
	g. Depth of Cut/digging depth	Minimum 500 mm	
	h. Capacity	Minimum 3.55 m <sup>3</sup>	
	j. Blade angle	25°	
16.	<b>Track</b>		
	a. Country of Origin	To be mentioned	
	b. No of Shoe (Each side)	To be mentioned	
	c. Width of Shoe	Minimum 500 mm	
	d. No of roller (Each side)	To be mentioned	
	e. Length of track on ground	Minimum 2800 mm	
	f. Track gauge	Minimum 1900 mm	
	g. Ground contact area in respect of width of shoes	Minimum 3.10 m <sup>2</sup>	
17.	<b>Engine</b>		
	a. Make & Model	To be mentioned	
	b. Type	4 stroke, water cooled, diesel engine	
	c. Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark, Finland, Germany, France, Hungary, Italy, Ireland, Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea	
	d. Country of Manufacturer		
	e. Country of Assembly		
	f. Year of Production	Not before the year of Contract	
	g. Rated horse power with rpm	Minimum 200 HP @ rpm to be mentioned	
	h. Minimum Torque at rated rpm	Min 900 N-m @ 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	To be provided during inspection of equipment	



18.	Fuel tank capacity	Minimum 400 Liters	
19.	<b>Electric System</b>		
	a. Volt	24 Volt	
	b. Battery	2x12 Volt & AH to be mentioned	
	c. Alternator	24 Volt & Amp to be mentioned	
	d. Starter (Volt and Kw)	24 Volt & Kw to be mentioned	
20.	Lighting System	Head light, Turn signal, work & backup light and other related accessories	
21.	<b>Transmission</b>		
	a. Type	Hydraulic power Transmission	
	b. Maximum Speed	(1) Forward 9-12 km/hr (2) Reverse 9-15 km/hr	
22.	Steering System	To be mentioned	
23.	Hydraulic System	Details to be mentioned	
24.	<b>Brake system</b>		
	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.	<b>Petrol Oil &amp; Lubricant (POL) information</b>	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	
29.	Lights and Gauges	Necessary lights and gauges include hour meter will be provided to make the equipment fully operation	
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	ISO Certificate to be provided by the manufacturer	
	<b>Note:</b> Following information's/ documents to be supplied along with the offer:		
	a. Details of working principal.	Details to be mentioned	
	b. Functional/users training in country to be provided by foreign/ Local expert.	To be mentioned	
	c. Provision of supply of major spares for minimum 10 years.	Certificate to be provided by the manufacturer	
	d. Provision of supply fast and slow moving spares for minimum 10 years.	Certificate to be provided by the manufacturer	
	e. Model validity in years (minimum 10 years).	Certificate to be provided by the manufacturer	
	f. List of spares, Special Service Tools (SST)/Special Service Material (SSM).	List to be provided by the manufacturer	
	g. Any other relevant technical information may also be enclosed.	To be mentioned	