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29 July 2017

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RE-EVALUATION OF TRACKED DOZER LIGHT

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901.055.02.192.04.16.07.17/Tr Dozer Lt dated 16 July 2017.

It is to inform you that standardization of suitable models of **Tracked Dozer Light** 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

ANNEX A TO
 ARMY HEADQUARTERS, ENGINEER IN CHIEF'S BRANCH
 ENGINEER DIRECTORATE LETTER NUMBER
 23.01.901.055.02.192.04.16.07.17
 DATED 16 JULY 2017

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	To be mentioned	
3.	Name and Complete Address of Manufacturer	To be mentioned	
4.	Name and Complete Address of Principal	To be mentioned	
5.	Make and Model	To be mentioned	
6.	Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark,	
7.	Country of Manufacturer	Finland, Germany, France, Hungary, Italy, Ireland,	
8.	Country of Assembly	Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea	
9.	Year of Production	Not before the year of Contract	
10.	Overall Dimension (LxWxH)		
	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°	
14.	Drive Position	To be mentioned	
15.	Blade		
	a. Type	Angling and Tilting	
	b. Make & Model	To be mentioned	
	c. Country of Origin	To be mentioned	
	d. Length	Minimum 2600 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°	
16.	Track		
	a. Country of Origin	To be mentioned	
	b. No of shoe (Each side)	To be mentioned	
	c. Width of shoe	Minimum 400 mm	
	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	USA, Canada, UK, Austria, Belgium, Denmark,	
	d. Country of Manufacturer	Finland, Germany, France, Hungary, Italy, Ireland,	
	e. Country of Assembly	Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea	
	f. Year of Production	Not before the year of Contract	
	g. Rated horse power with rpm	80-100 Horse Power @ 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	

Ser	Description	Required Technical Specification	Remarks
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. Maximum Speed	Forward 8-12 km/h Reverse 8-15 km/h	
23.	Steering System	To be mentioned	
24.	Hydraulic System	Details to be mentioned	
25.	Brake System		
	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.	Petrol Oil Lubricant (POL) Information	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°C to +55°C	
33.	Maintenance	Details to be mentioned	
34.	ISO Certificate or Similar Rating	ISO Certificate to be provided by the manufacturer	
	Note: 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	