

FOR OFFICIAL USE ONLY

Directorate General Defence Purchase
Ministry of Defence
New Airport Road
Tejgaon, Dhaka-1215
Telephone: Military- 7174
Civil - 9133887
Fax: 9122748

09 Srabon 1424

21 July 2017

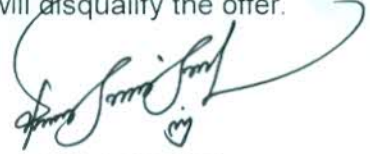
06.06.0000.221.03. Re-eval.15

RE-EVALUATION OF VIBRATING TYPE COMPACTOR HEAVY (10000 KG TO 12000 KG)

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901.055.02.192.03.16.07.17/Vibrating dated 16 July 2017.

It is to inform you that standardization of suitable models of **Vibrating Type Compactor Heavy (10000 KG To 12000 KG)** 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

FOR OFFICIAL USE ONLY

TECHNICAL SPECIFICATION OF VIBRATING TYPE COMPACTOR HEAVY (10000 KG TO 12000 KG)
[Approved in General Staff Policy Committee Meeting 3/2014]

Ser	Description	Require Technical Specification	Remarks
1.	Name of the Equipment	Vibrating Type Compactor Heavy (10000 Kg to 12000 Kg)	
2.	Name and Complete address of Local Agent	To be mentioned	
3.	Name and Complete address of Manufacture	To be mentioned	
4.	Name and Complete address of Principal	To be mentioned	
5.	Make and Model	To be mentioned	
6.	Type	Front drum & Rear wheel vibrating type	
7.	Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark,	
8.	Country of Assembly	Finland, Germany, France, Hungary, Italy, Ireland,	
9.	Country of Manufacturer	Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea	
10.	Year of Production	Maximum 1 year before the contract	
11.	Wheel Base	Minimum 2800 mm	
12.	Operating Weight in kg	10001-12000 kg	
13.	Gradient/Gradeability	Minimum 35 %	
14.	Overall Dimensions		
	a. Length	Minimum 5200 mm	
	b. Width	Minimum 2200 mm	
	c. Height	Minimum 2900 mm	
15.	Engine		
	a. Make & Model	To be mentioned	
	b. Type	To be mentioned	
	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. Year of Production	Maximum 1 year before the contract	
	e. Engine volume/Capacity (in CC)	Minimum 3800 cc	
	f. Rated Horse Power (HP) with rpm	110-150 HP @ Rpm to be mentioned	
	g. Maximum Torque with rpm	To be mentioned	
	h. No of Cylinder	Minimum 4 Cylinder	
	j. No of Cycle	4 Cycle	
	k. Bore & Stroke	Minimum 100 mm x 110 mm	
	l. Displacement	To be mentioned	
	m. Cooling Sys	Water Cooled	
	n. Type of Fuel	Diesel	
	p. Fuel Consumption	To be mentioned	
	q. Engine test bench cert	To be provided during inspection of equipment	
16.	Fuel tank Capacity	Minimum 250 Liters	
17.	Drum		
	a. Type	Vibrating type	
	b. Drum width (in mm)	2100-2200 mm	
	c. Drum dia meter (in mm)	1450-1550 mm	
	d. Drum shell thickness nominal (in mm)	Minimum 20 mm	
	e. Weight		
	(1) Static Front drum (in kg)	Minimum 5600 kg	
	(2) Static rear wheel	Minimum 4000 kg	

Ser	Description	Require Technical Specification	Remarks
18.	Turning Radius		
	a. Inside drum edge (in mm)	Maximum 5000 mm	
	b. Outside drum edge (in mm)	Maximum 7000 mm	
19.	Steering	Hydraulic/Articulated	
20.	Speed		
	a. Working	To be mentioned	
	b. Travel	To be mentioned	
21.	Brake System		
	a. Service	Hydrostatic	
	b. Parking	Details to be mentioned	
	c. Emergency	Details to be mentioned	
22.	Vibrating System		
	a. Drive	Hydrostatic	
	b. Frequency	Details to be mentioned	
	c. Nominal amplitude	To be mentioned	
	d. Centrifugal force (High/Low)	Details to be mentioned	
23.	Tyre		
	a. Size	To be mentioned	
	b. Brand	Bridgestone/Dunlop/Goodyear/Yokohama/Toyo/Uniroyal/ Continental/ Michelin/ Firestone/ Armstrong/AMTEL/Pirelli/ Hankook/Kumho	
	c. Tyre Country of Origin	USA, Japan, EU, Countries, Russia, Brazil, Indonesia, Malaysia, Philippines, Singapore, Thailand and South Korea.	
	d. Type of Pattern	ND, GG, CC earth mover tyre	
	e. Rim size	To be mentioned	
24.	Electric System		
	a. Volt	12/24 Volt	
	b. Battery (V,AH)	12 Volt/2x12 Volt & Ah to be mentioned	
	c. Alternator (V, Amp)	12/24 Volt & Amp to be mentioned	
	d. Starter (V, Kw)	12/24 Volt & Kw to be mentioned	
25.	Operators Cab	All Weather ROPS/FOPS design Comfortable city and exit from both sides all around vision. 2 lockable doors with operable panes operable roof window, sun visor front & rear wipers heating and ventilation system	
26.	Lights and Gauges	All lights and Gauges include head light, Tail. stop, Indicator, Beacon (if any), Gauges meters/Hour meter in dashboard etc as required for make the equipment fully operational	
27.	List of Std accessories	Detail list of standard accessories to be provided	
28.	List of Standard tools	Details list of standard tools to be provided.	
29.	Colour	To be mentioned	
30.	Operational Temperature	-5°C to +55°C	
31.	Maintenance	Details to be mentioned	
32.	ISO Certificate or Similar Rating	ISO certificate to be provided by the manufacturer	
	Other Items		
33.	Sun screen with driver's cabin	To be Provided	
34.	Compaction meter to be connected with the ordered equipment	To be provided to check the degree of compaction of the course	
35.	Bolt on pad foot shell	To be provided for compacting cohesive and semi cohesive soil	
36.	Driver's cabin with air condition	To be Provided	
37.	Water spraying system on the drum	To be Provided	
	Note: Following information's/documents to be supplied along with the offer:		
	a. Details of working principle.		
	b. Functional/Users training in country to be provided by foreign/Local expert.		
	c. Provision of supply of major spares for minimum 10 years.		
	d. Provision of supply fast and slow moving spares for minimum 10 years.		
	e. Model validity in yrs (minimum 10 years).		
	f. List of spares, Special Service Tools (SST)/Special Service Material (SSM)		
	g. Any other relevant technical information may also be enclosed.		