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25 July 2017

**RE-EVALUATION OF OBM 115 HP WITH BOAT**

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901.055.02.192.03.17.07.17/OBM dated 17 July 2017.

It is to inform you that standardization of suitable models of **OBM 115 HP with Boat** 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 30 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

**TECHNICAL SPECIFICATION OF OBM 115 HP WITH BOAT**  
**(Approved by General Staff Policy Committee Meeting 3/2014)**

Ser	Description	Require Technical Specification	Remarks
1.	Name of the Equipment	OBM 115 HP with Boat	
2.	Name and complete address of local agent	To be mentioned	
3.	Name and complete address of manufacturer	To be mentioned	
4.	Name of complete address of Principal	To be mentioned	
5.	Make and model	To be mentioned	
6.	Country of Origin	<p><b>Group A Countries.</b> USA, Canada, UK, Austria, Belgium, Denmark, Finland, Germany, France, Hungary, Italy, Ireland, Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea.</p> <p><b>Group B Countries.</b> Ukraine, Estonia, Slovakia, Slovenia, Greece, Poland, Luxemburg, Romania, Portugal, Russian Federation, Czech Republic, Croatia, Latvia, Yugoslavia, Cyprus, China, Malaysia, Taiwan, Argentina, Brazil, Singapore, New Zealand and South Africa.</p> <p><b>Group C Countries.</b> North Korea, Indonesia, India, Iran, Pakistan, Philippines, Thailand, Belarus, Bosnia &amp; Herzegovina, Bulgaria, Mexico, Paraguay, Uruguay and Venezuela.</p> <p><b>Group D Countries.</b> Bangladesh, KSA, UAE, Nigeria, Egypt, Algeria, Vietnam and Uzbekistan.</p>	
7.	Country of Assembly		
8.	Country of Manufacturer		
9.	Year of production		Maximum 1 year before the contract
10.	Port of shipment	To be mentioned	
11.	Material	Fibre glass	
12.	Thickness of fiber glass	To be mentioned	
13.	<b>Dimension</b>		
	a. Length	7.0 m – 8.0 m	
	b. Width	2.0 m – 2.5 m	
	c. Depth	Minimum 0.50 m	
	d. Draft	Maximum 0.80 m	
14.	Carrying/Seating Capacity	12-15 persons and 100 kg (including small arms)	
15.	Seating Arrangement	General Arrangement (GA) drawing to be provided (Location of personnel to be shown on the catalogue or diagram)	
16.	Anti slip surface	On the deck (for walking portion only)	
17.	Engine mounting	Details of engine mounting to be mentioned	
18.	Mooring hook	Galvanized steel	
19.	Curb weight (kg)	To be mentioned (As per design)	
20.	Loading/unloading of the boat itself	Details to be mentioned	
21.	Directional capability	1x GPS, 1x Echo Sounder and 1x Magnetic Compass to be provided	
22.	Desired Cruising Range in Nautical Mile	Minimum 40 Nautical Miles	
23.	Fuel tank capacity	To be mentioned	

Ser	Description	Require Technical Specification	Remarks
24.	<b>Outboard Engine</b>		
	a. Engine type and model	To be mentioned	
	b. Country of Origin	USA, Canada, UK, Austria, Belgium, Denmark,	
	c. Country of Assembly	Finland, Germany, France, Hungary, Italy, Ireland,	
	d. Country of Manufacturer	Netherlands, Sweden, Norway, Switzerland, Spain, Japan, Australia, Turkey and South Korea	
	e. Horse power (Rpm to be mentioned)	115 HP and rpm to be mentioned	
	f. No of OBM Engine	01 (One)	
	g. No of cylinder	Minimum 4 cylinder	
	h. Year of production	Maximum 1 year before the contract	
	j. Bore and Stroke	To be mentioned	
	k. Displacement (cc)	To be mentioned	
	l. Starting	Self Started (Electric)	
	m. Speed	Minimum 28 Nautical Miles	
	n. Trim and Tilt up method	Power assist manual tilt	
	p. Ignition system	To be mentioned	
	q. Cooling System	Water Cooled	
	r. Type of fuel	Octane	
	s. Fuel injection system	Detail to be mentioned as applicable	
	t. Fuel consumption	To be mentioned	
	u. Shaft length/ Transom height	Minimum 520 mm	
	v. Material of Propeller	Stainless steel	
	w. Engine Test Bench Certificate	To be provided during inspection	
25.	<b>Electrical System</b>		
	a. Volt	Minimum 12 volts	
	b. Batteries (Volt & Ah)	Volt and Ah to be mentioned.	
	c. Alternator (Volt & Amp)	Volt and Amp to be mentioned	
	d. Starter (Volt & kw)	Volt and Kw to be mentioned	
26.	Switches	To be mentioned	
27.	Superstructure with Hard top cabin	To be provided	
28.	Standard of electrical cable	Details of standard electrical cable to be provided	
29.	Lighting	Search Light (Minimum one at front and one at rear) to be provided	
30.	Medical facilities	It should have 01x In built first aid box	
31.	Colour/painting	As per tender requirement	
32.	Operational Temperature	-5° C to +55° C	
33.	Maintenance	Details to be mentioned	
34.	ISO Certificate	ISO certificate to be provided by the manufacturer	
35.	Standard Tools and Accessories	Standard accessories will include every item and accessories which are entail to operate outboard engine including the following items for engine:	
		a. 2 x 30 ltr Portable Fuel Tank	
		b. Minimum 20 x Life Jackets, 2 x Life Buoys.	
		c. Minimum 2 x Wooden Paddles.	
		d. Minimum 3 x Mooring Hooks, minimum 2 x Anchor 18 kg each with minimum 3 kg Nylon rope	
	<b>Note:</b> Following information/documents to be submitted 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 min 10 years.	
	d.	Provision of supply fast and slow moving spares for min 10 years.	
	e.	Model validity in years (minimum 10 years).	
	f.	List of spares, Special Service Tools (SST)/Special Service Material (SSM).	
	g.	Warranty minimum 12 months for the date of delivery as per schedule.	
	h.	Any other relevant technical information may also be enclosed.	