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23 Chaitra 1432  
06 April 2026

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**RE-EVALUATION OF VESSEL TYPE-D (SEA WORTHY)**

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901.055.02.192.01.31.03.26/1 dated 31 March 2026 (Not to all).

1. It is to inform you that Bangladesh Army is planning to procure **Vessel Type-D (Sea Worthy)**. Bangladesh Army needs to standardize more models for the equipment. Therefore, interested firms are requested to provide necessary offers, brochures, catalogues, technical/training/operational/maintenance manuals and other necessary documents 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, E-mail: engrdte@army.mil.bd by 20 April 2026** with an intimation (**01 x Complete Technical Offer**) to this Directorate General please. Please note that, the offered models should be compatible with preliminary 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 technical offer.

2. Your co-operation will be highly appreciated.

  
MD ZAHIDUL KABIR  
Major  
For Director General

Enclosure:

1. Preliminary Specification of Vessel Type-D (Sea Worthy)-05 (Five) pages Only.

Distribution:

External:

Action:

(All Concerned Firm/Supplier)

Information:

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

Army Headquarters, Engineer in Chief's Branch (Coordination)

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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ANX A TO  
 ENGE DTE LTR NO  
 23.01.901.055.02.192.01.31.03.26  
 DT: 31 MARCH 2026

**PRELIMINARY TECHNICAL SPECIFICATIONS OF VESSEL TYPE D (SEA WORTHY)**

Ser	Description	Required Technical Specification	Rmks
1.	<b>Name of the Equipment</b>	<b>Vessel Type D (Sea Worthy)</b>	
2.	Name and Complete address of Local Agent (Address, Telephone, Fax, E-mail and websites)	To be mentioned	
3.	Name and Complete address of Manufacturer (Address, Telephone, Fax, E-mail and websites)	To be mentioned	
4.	Name and Complete address of Principal (Address, Telephone, Fax, E-mail and websites)	To be mentioned	
5.	Make and Model	To be mentioned	
6.	Country of Origin	To be mentioned	
7.	Country of Assembly		
8.	Country of Manufacturer		
9.	Year of Production	Not before the year of contract	
10.	Port of Shipment	To be mentioned	
11.	Material	Marine Grade Aluminium Alloy	
12.	<b>Overall Dimension.</b>		
	a. Length	9 m – 12 m	
	b. Width	2.5 m – 3.5 m	
	c. Draught (loaded)	Maximum 0.9 m	
	d. Total wt of the boat (Dead weight)	To be mentioned	
13.	Details design and drawing of the Boat	To be approved by International Association for Certification Society (IACS) and Bangladesh Army	
14.	Seating facilities for passengers	To be provided	
15.	Carrying Capacity	Minimum 12 persons and 100 kg (including small arms)	
16.	Anti slip Surface	Details of Anti slip surface to be mentioned	
17.	Speed of Boat	Minimum 30 Knots with full load condition	
18.	Turning Circle	At 25 knots, 12-15 m approx	
19.	Engine Mounting	To be mentioned (Inboard/Outboard)	
20.	Mooring Hook	Galvanized steel	
21.	Starting	Electrical	
22.	Steering	Electro Hydraulic	
23.	Fender	Inbuilt/ Rubrail fender	

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Ser	Description	Required Technical Specification	Rmks
24.	Self Defense facilities	1 x LMG post to be provided (Location to be shown in the catalogue/diagram and Vessel should be in equilibrium during any stage of fire and move conditions)	
25.	Loading/unloading	Details of Loading/ Unloading facilities provided with the boat to be mentioned	
26.	Type of Fuel	To be mentioned (As per the fuel grade of Bangladesh Army)	
27.	Fuel Injection System	To be mentioned	
28.	Fuel Tank Capacity	To be mentioned	
29.	Fresh Water Tank Capacity	Minimum 70 liters	
30.	Fuel Consumption	To be mentioned	
31.	Full Endurance/ Cruising Range	Minimum 100 Nautical Miles	
32.	<b>Engine</b>		
	a. Engine type and model	To be mentioned	
	b. Country of Origin	To be mentioned	
	c. Country of Manufacturer		
	d. Horse Power and rpm	Below 400 Horse power, rpm-to be mentioned	
	e. Cylinder	Minimum 4 Cylinder	
	f. Number of Engine	To be mentioned	
	g. Year of Production	Not before the year of contract	
	h. Bore and Stroke	To be mentioned	
	j. Engine Starting	To be mentioned	
	k. Cooling System	Water Cooled	
	l. No of carburetor/ Fuel injection system	To be mentioned	
	m. Details of propeller (Material and Size) and shaft length	Details to be mentioned	
	n. Water Displacement (unloaded)	Below 100 ton	
	p. Engine test bench certificate	To be provided during inspection.	
33.	Propulsion	The boat is to be fitted with inboard/outboard marine diesel/petrol engine with matching gearbox and propulsion by water jet/propeller	
34.	<b>Electric System</b>		
	a. Volt	Minimum 12 Volt	
	b. Batteries (Volt & Ah)	To be mentioned	
	c. Alternator (Volt & Amp)	To be mentioned	
	d. Starter (Volt & kw)	To be mentioned	
35.	Switches	To be mentioned	
36.	Details list of tools and accessories for full range operation	Detail list to be provided	

Ser	Description	Required Technical Specification	Rmks
37.	Standard of electric cable	Details of standard electric cable to be provided	
38.	Superstructure with hard top	To be provided	
39.	Colour	As per tender requirement	
40.	Navigational Aids (Make, model & country of origin)	<p><b>a. <u>01x Magnetic Compass</u></b> Brand: To be mentioned Model: To be mentioned Origin: To be mentioned</p> <p><b>b. <u>01x Set of Navigational lights</u></b> Brand: To be mentioned Model: To be mentioned Origin: To be mentioned</p> <p><b>c. <u>01x Electrical police siren with pulsating lights and voice hailer</u></b> Brand: To be mentioned Model: To be mentioned Origin: To be mentioned</p> <p><b>d. <u>01x Search Light</u></b> Brand: To be mentioned Model: To be mentioned Origin: To be mentioned</p> <p><b>e. <u>01x Echo Sounder</u></b> Brand: To be mentioned Model: To be mentioned Origin: To be mentioned</p> <p><b>f. <u>01x GPS</u></b> Brand: To be mentioned Model: To be mentioned Origin: To be mentioned</p>	
41.	Life Saving Equipment	According to carrying Capacity. Details specifications are to be provided with the quotation.	
42.	Sea State Sustainability	Operate at sea state 3 and sustain upto sea state 4	
43.	Operational Temperature	-5°C to +55°C	
44.	Maintenance	Details to be mentioned	
45.	ISO Certificate	<p>a. ISO Certificate of similar rating certificate to be provided by the manufacturer.</p> <p>b. Boat should be authorised by the respective government transportation authority of the country of origin.</p>	

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		c. Boat builder experience of building boat for military /proven design vessel used by military	
46.	Any other (if required)	To be mentioned	
47.	<b>Training Requirement</b>		
	a. User training (For Engineers)	To be provided as per the requirement of Engineer Directorate	
	b. Operation, repair and maintenance training (For Electrical and Mechanical Engineers)	To be provided as per the requirement of Electrical and Mechanical Engineers Directorate	
	c. Equipment Management Training (For Ordnance)	To be provided as per the requirement of Ordnance Directorate	
48.	Repair and maintenance requirement list of spares: <b>Book &amp; Publications</b> a. Owners/operators manual in English (book type) including CD/DVD b. Workshop/repair manual in English (book type) including CD/DVD c. 100% update master spare parts catalogue in English (book type) including CD/DVD d. Complete and updated master spare parts catalogue/list in English (book type) including CD/DVD	To be provided as per the requirement of Electrical and Mechanical Engineers Directorate	
49.	List of spare parts	Separate list to be provided as per the requirement of Electrical and Mechanical Engineers Directorate	
50.	Tools list for different level of maintenance: a. Analyzer, measuring & testing/fault and diagnostic set b. Special Service Tools (SST) c. Special Service Materials (SSM)	To be provided as per the requirement of Electrical and Mechanical Engineers Directorate	
51.	Certificate on Spare Parts available in Bangladesh	Certificate to be submitted from manufacturer	
52.	List and certificate on usage of the equipment by other organizations or agencies in Bangladesh	List and certificate to be submitted from manufacturer	
53.	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	
54.	Detailed address of after sale service workshop in Bangladesh	Details address to be mentioned	

Ser	Description	Required Technical Specification	Rmks
55.	Location of Stage Inspection/Pre-shipment Inspection	Stage Inspection/Pre-shipment Inspection with address of respect of major components (manufacture ring plant/assembly plant or in both)	
	<b>Note: Following information/ documents to be submitted along with the offer:</b>		
	a.	Details of working principle.	
	b.	Certificate to be provided by full member of IACS under the class notation.	
	c.	Functional/Users training in country to be provided by foreign/Local expert.	
	d.	Provision of supply of major spares for min 15 years.	
	e.	Provision of supply fast and slow moving spares for min 15 years.	
	f.	Model validity in years (minimum 10 years).	
	g.	Any other relevant technical information may also be enclosed	
	h.	List of spares, Special Service Tools (SST)/Special Service Material (SSM).	
	j.	Warranty minimum 12 months from the date of delivery as per schedule.	
	k.	Any other relevant technical information may also be enclosed.	
56.	Unit Price and likely increase due to price escalation in percentage during next 05 yrs if possible		
57.	Provision of repair, maintenance and after sale service support from local firm		
	<b>Note</b>		
	a.	Original Catalogue/brochure for main equipment (Engine, propeller, magnetic compass, Echo Sounder and other main components) to be provided	
	b.	Authorization certificate in favour of equipment manufacturer/assembler from major components (engine, propeller, compass, Echo sounder etc) manufacturer to be provided	