

संख्या. पी-63013/238/01/2026/मोड- I/सी0सु0बल/ 2053-57

भारत सरकार, गृह मंत्रालय
महानिदेशालय सीमा सुरक्षा बल
(रसद निदेशालय: आधुनिकीकरण सैल)
(Email-comdtord@bsf.nic.in)

ब्लाक संख्या . 10,
सीजीओ काम्पलेक्स,
लोधी रोड, नई दिल्ली-03
दिनांक 16 सितम्बर 2026

वरिष्ठ तकनीकी निदेशक

The Senior Technical Director
राष्ट्रीय सूचना-विज्ञान केन्द्र, नोर्थ ब्लाक,
गृह मंत्रालय, नई दिल्ली
NIC, North Block, MHA
New Delhi
(द्वारा ई-मेल)
(ई-मेल पता : mpsugandhi@nic.in)

Sub: **Request for comments of stakeholders/OEM on draft QRs & TDs**

कृपया गृह मंत्रालय के पत्र संख्या IV-24011/12/2011-Prov-I(part)(CFN 3300890)-1710 दिनांक 31st Aug 2015 के सन्दर्भ में।

2. उपरोक्त विषयान्तर्गत सूचित किया जाता है कि तकनीकी विशेषज्ञों के उप समूह द्वारा "5 Ton Interceptor Boat" के गुणात्मक आवश्यकता/परीक्षण निर्देशों के मसौदे का प्रारूप दिनांक 18 अगस्त 2026 को आयोजित सभा के दौरान तैयार किया गया, जिसको इस आशय से प्रेषित किया जा रहा है कि उक्त उपकरण के गुणात्मक आवश्यकता/परीक्षण निर्देश को गृह मंत्रालय की वेबसाइट पर 15 दिन के लिए अपलोड करने का श्रम करें।

संलग्न: उपरोक्तनुसार

कपिल चाहेर
16/09/26
(कपिल चाहेर)
उप कमाण्डेंट (मोड)

प्रतिलिपि :-

- SO (IT), North Block, MHA
(Through E-mail)
(E-mail address: soit@nic.in)
: उपरोक्त उपकरण के गुणात्मक आवश्यकता /परीक्षण निर्देशों के मसौदा को आपके सूचनार्थ एवं अग्रिम कार्यवाही हेतु प्रेषित किया जाता है।
- IT Wing, FHQ BSF
: उपरोक्त उपकरण के गुणात्मक आवश्यकता /परीक्षण निर्देशों के मसौदे को सीमा सुरक्षा बल की वेबसाइट पर 15 दिन के लिए अपलोड करने का श्रम करें। आपसे अनुरोध है कि उक्त मसौदे को गृह मंत्रालय की वेबसाइट पर भी अपलोड करने हेतु निम्नलिखित पतों पर ई-मेल करने का श्रम करें:-
(a) Technical Director, NIC, North Block, MHA
(E mail : mpcugandhi@nio.in)
(b) SO (IT), North Block, MHA
(E-mail : soit@nic.in)
- Prov Dte (WW), BSF
: For information w.r.t your UO No. 1793-98 dated 31 July 2026.
- File.

भारत सरकार, गृह मंत्रालय
महानिदेशालय सीमा सुरक्षा बल
(रसद निदेशालय: आधुनिकीकरण सैल)
ब्लाक संख्या . 10, सीजीओ काम्पलैक्स, लोधी रोड, नई दिल्ली-03
(Email-comdtord@bsf.nic.in)

संख्या. पी-63013/238/01/2026/मोड-1/सी0सु0बल/

दिनांक ___ सितम्बर 2026

विषय : “5 Ton Interceptor Boat” के गुणात्मक आवश्यकता/परीक्षण निर्देशों पर हितधारकों/निर्माताओं/विक्रेताओं की टिप्पणी के लिए अनुरोध।

“5 Ton Interceptor Boat” के गुणात्मक आवश्यकता और परीक्षण निर्देशों को परिशिष्ट 'ए' के रूप में संलग्न किया गया है। हितधारकों/निर्माताओं/विक्रेताओं से अनुरोध किया जाता है कि वे उस उत्पाद की विस्तृत एवं स्टीक जानकारी दें। साथ ही प्रत्येक पैरामीटर के अनुरूप अपने उत्पाद के सही विवरणों को प्रस्तुत करें। सिर्फ 'अनुपालना' या 'अनुपालना नहीं' वाली टिप्पणी स्वीकार नहीं की जाएगी।

- क्या आप मूल उपकरण निर्माता/विक्रेता हैं?
- यदि विक्रेता मूल उपकरण निर्माता का विवरण देता है।
- मूल उपकरण निर्माता से प्राधिकरण प्रमाण पत्र।
- उत्पाद की मूल सूची।
- उत्पाद ब्रोशर एवं साहित्य रचना का ब्यौरा

1. आवश्यक जानकारी/विवरण 30 सितम्बर 2026 तक निम्नलिखित पते पर भेजे जा सकते हैं।

रसद निदेशालय, सीमा सुरक्षा बल
लेवल-8, ब्लाक-10,
केन्द्रीय कार्यालय परिसर, लोधी रोड,
नई दिल्ली-110003
ईमेल:- comdtord@bsf.nic.in

2. शीघ्र प्रतिक्रिया का अनुरोध किया जाता है।

कपिल चाहरी
16/9/26
(कपिल चाहर)

उप कमाण्डेंट (आधुनिकीकरण)

Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Prov Dte: Mod Cell)
Block No.10, CGO Complex, Lodhi Road, New Delhi-03
(Email-comdtord@bsf.nic.in)

No. P-63013/238/01/2026/Mod-I/BSF/

Dated, the __Sept 2026

Subject : Request for comments of stakeholders/OEM/Firms on QRs (Qualitative Requirements) & TDs (Trial Directives) of "5 Ton Interceptor Boat"

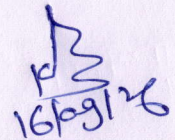
The draft QRs/TDs "5 Ton Interceptor Boat" is attached as **Appendix-'A'**. The OEMs/Vendors are requested to forward information of the product, which they can offer and also forward correct specifications of their system against each parameter. Only complied or not complied remarks will not be accepted. The firms are also requested to furnish the following details:-

- Whether you are OEM/Vendor?
- If vendor details of OEM.
- Authorization certificate from OEM.
- Original catalogue of the product
- Brochure/Literature of the product

2. The required information/details may please be forwarded at the following addresses by 30.09.2026.

Directorate General BSF,
Level-8, Block No. 10,
CGO Complex, Lodhi Road,
New Delhi-110003
Email: comdtord@bsf.nic.in

3. An early response is requested.


16/09/26

(Kapil Chahar)
Dy. Commandant (Mod)

DRAFT QUALITATIVE REQUIREMENTS (QRS) & TRIAL DIRECTIVES (TDs) FOR 5 TON INTERCEPTOR BOAT

S. No	Items	QRs/Technical specification	Trial Directives/ Procedure suggested for Board of officers
(01)	(02)	(03)	(04)
01.	Role & Function	The boat shall be utilized as a dedicated platform for providing practical, hands-on training to all India police personnel in the safe operation, handling, navigation, maintenance, and tactical, deployment of watercraft under various sea and coastal conditions. It shall support the enhancement of operational proficiency and overall capability. ➤ Carry out sea front patrolling in territorial waters of India. ➤ Carry out interception of high speed craft ➤ Carry out anti-terrorist and anti-smuggling operation. ➤ Capable of carry out search and rescue operation. ➤ Seating capacity of at least 12 personnel including crew with personal belongings, weapons and other operational equipment. ➤ Capable for boarding and seizure operation. ➤ The craft shall be provided with Bow ramp facility for quick embarking and disembarking of troops for any operations.	During water trial
02.	Class, Design and construction	➤ The boat shall be built as per proven hull design and in accordance with Classification Society rules and norms. In case the offered design is a new one (not build and supplied in the past for the same function), on placement of order, the builder is to carry out detailed design calculations and Model testing (IIT /NSTL) / CFD Analysis (Approved by IACS member Class) of the hull form offered in accordance with Class Rules. The model testing/ CFD Analysis should cover resistance, propulsion, powering and seakeeping parameters of the boat. The design calculations and the model test/CFD reports are to be vetted by the Classification	Examine the class certificates issued by classification society with the specified class notation for compliance.

		Society in accordance with Class rules and submitted to BSF for records. Model testing may be witnessed by IRS and Owner rep. ➤ The craft shall be designed and constructed in accordance with highest rules and regulation of relevant classification society applicable for government service of Classification Societies i.e. ABS/BV/DNV-GL/IRS/RINA or other classification societies with IRS equivalent class notation SU, HSLC, RS2, PATROL, SPECIAL GOVERNMENT SERVICE or equivalent notation of respective other classification societies. The boat shall perform excellent in sea state 3 and sustainability up to sea state 4. ➤ The hull shall be Sandwich construction using the FRP vacuum infusion process, which ensures removal of excess resin that adds weight without contributing to structural strength, thereby producing a stronger and lighter hull capable of meeting the speed requirements. ➤ To further optimize strength to weight performance and durability, low weight, high strength advanced carbon composite fiber material shall be employed. The lamination process shall incorporate carbon fibers in combinations with vinyl ester resin or epoxy resin along with other glass fibers strictly in compliance with applicable class rules. ➤ Automatic drainage system provision with non-return valve should be provided in all open decks including Fwd/Aft deck for drainage water shipped on deck during rain, operating/sailing. ➤ Enclose the class-approved Works Approval Certificate verifying the yard's vacuum infusion capability for hull construction with the technical bid. ➤ It shall be of sufficient strength to withstand the/slamming effect of rolling pitching of waves of 1.5 Mtr to 2.5 Mtr and emergency beaching which will be encountered in the adverse service conditions ➤ All safety feature and operational feature should meet with owner and classification society requirements.	
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03	General Features	➤ Should be monohull (Single mould) and sandwich construction ➤ Have an expected service life of about 15 years for the machinery, equipment and hull. ➤ Latest design concept for the craft with respect to automation, sanctioned aspects and crew comfort are to be included. ➤ Sufficient hatches with pad locks and door to be provided to meet the comfortness and operational requirement as per class/user requirement. ➤ All penetrations in the deck and bulkhead to be made watertight. ➤ Noise and vibrations in various sections of the vessel are to be limited as per class rules.	During sea trial to be checked physically
04.	Dimension	Hull Length (Moulded) – 10 Mtr $\pm$ 10 % Breadth (Moulded) – 3 Mtr $\pm$ 10 % Draught (Hull) – Less than 0.6 Mtr Displacement - Full load condition less than 05 tonnes The builder shall prepare the 3 Dimensional animation model of general arrangement (GA) and submit complete design within 30 days of issue of AT and decide any alteration as per operational requirement after consultation with owner before start of manufacturing of prototype boat and should be incorporated in final design.	i) Check and tally with approved drawing. ii) Check with the measuring tape after loading the boat with 12 pers with all equipment @ 100 Kgs per person and tally with drawing.
05.	Capacity and cabin	➤ The Boat shall have the capacity of 12 persons on board including Crew in combat dress along with personnel weapon & equipment. Average of 100 Kg per person. ➤ Seats should be comfortable and adjustable i.e. helm seat with suspension with ceiling fan on each side. ➤ Suitable hand rest shall be provided near each seats ➤ 1 Set of window curtains ➤ Anti-Skid Floor Matting. ➤ Passengers seats cushions with recline. ➤ Interior paneling, ceiling lights. ➤ Front wind screen should be to protect the wheel house equipment from direct sun rays and clear vision of crews while sailing during rain and foggy weather.	Check with 12 people load during trial.

		➤ 1 split AC should be provided in cabin. ➤ Steering system ➤ Adequate stowage areas for all navigation equipment like DGPS / Magnetic compass/multifunctional display ➤ Wind Screen Wiper (heavy duty)													
06.	Environmental conditions	The design & building of interceptor should be capable of satisfactory operation, under the following environmental conditions: - a) Wind speed is 17-21kts. b) Ambient air temperature from zero to +55 0C. c) Water temperature from 01 C to 40-degree C. d) Max relative humidity of 90% at 32-degree C. e) Salinity of water up to 36000-45000 PPM. f) Tidal Water current -5-6 Knots g) Wave height -2-9 Ft (Approx.) (sea state 4) h) Water density from 1010 to 1025 Kg/m3 i) Creek water which have incidence of water hyacinth, contaminants like polythene bags of varying size and mud sediments etc.	General												
07.	Speed and annual exploitation	i) Max speed 35 knot in calm water at full load. ii) Cruising Speed 28-30 knots. Annual exploitation of 2000 hours per year <table><tr><th>S. No</th><th>Speed</th><th>Operating Time</th></tr><tr><td>(i)</td><td>From 30 knot to 35 knots</td><td>10% annual exploitation</td></tr><tr><td>(ii)</td><td>From 20 knot to 30 knots</td><td>70% annual exploitation</td></tr><tr><td>(iii)</td><td>From 05 Knot to 20 knots</td><td>20% annual exploitation</td></tr></table>	S. No	Speed	Operating Time	(i)	From 30 knot to 35 knots	10% annual exploitation	(ii)	From 20 knot to 30 knots	70% annual exploitation	(iii)	From 05 Knot to 20 knots	20% annual exploitation	General
S. No	Speed	Operating Time													
(i)	From 30 knot to 35 knots	10% annual exploitation													
(ii)	From 20 knot to 30 knots	70% annual exploitation													
(iii)	From 05 Knot to 20 knots	20% annual exploitation													
08.	Endurance	The boat should have endurance of 6 hours at cruising speed of 30 knots at full load i.e. 180 NM.	Distance travelled & consumption of fuel to be recorded 06 Hrs average range /endurance trial to be												

			carried out with full load during sea trial
09.	Fresh water capacity	100 liter in a potable water camper suitably fixed/clamped	Check the container of 100 Ltrs
10.	Fender	i) 06 Nos Pneumatic fender to be provided, excluding 02 reserve. Total 08 Nos. ii) Boat shall have heavy duty D-Shape rubber fender all along the boat.	Check the fender physically
11.	Railings	Stainless Steel 316 hand/grab rails shall be fitted where ever required/applicable throughout accommodation and service area for safety of personnel onboard.	Material certificate of auth. agency to be checked
12.	Floor	Anti-skid floor/deck and all surfaces shall have minimum maintenance requirement and easy to clean. The areas of floor/deck shall have adequate handholds where ever required.	To be physically checked as per approved plan /drawing.
13	Propulsion Engines	➤ 02 Nos 4 Stroke – Petrol operated engines/OBMs to meet desired speed and endurance requirements. ➤ Make – Suzuki/Yamaha/Mercury/Honda/Tohatsu but fuel efficiency will also be considered	To be physically checked
	Controls	OBM remote shall be fitted with OEM supplied controls and hour meter/tachometer and analogue gauge along with wire harness.	
	Steering System	Hydraulic Steering System with OBM Tie Bar.	
14.	Fuel Tanks	Fuel tanks and fuel system is to cater for the following:- ➤ Fuel capacity calculation to be submitted as per endurance of the boat during submission of bid. ➤ The boat should preferably be equipped with two independent marine-grade fuel tanks, one dedicated to each outboard motor (OBM) to ensure redundancy, enhanced operational reliability and uninterrupted propulsion in the event of contamination, leakage or malfunction of either fuel tank or fuel line. Each fuel tank should have an individual fuel supply line, shut off valve, water –separating fuel filter, vent, filter arrangement, drain provision and fuel level sender/gauge. The fuel tank arrangement should facilitate easy inspection, cleaning, maintenance and replacement	a) Check fuel capacity meets endurance requirement. Certificate issued by class society/builder be obtained. b) Check addl. portable tank capacity.

		without disturbing the other system. The complete fuel tank arrangement should conform to accepted marine safety standards and OEM recommendation. ➤ Fuel tank capacity to be designed to meet the endurance criteria. ➤ Digital tank level indicator are to be provided for the fuel tank.	
15	Navigation and Communication equipment	<u>GPS/Echo Sounder</u> One composite GPS/Echo sounder /chart plotter of any reputed make with chart Cardin wheelhouse shall be provided to suit speed requirement. <u>Magnetic Compass</u> -01 Reputed make magnetic compass capable of being operational at high speeds. The compass shall be fitted in the wheel house at suitable location to facilitate navigation. The magnetic compass should meet class requirement. <u>Search Light:-</u> 02 nos Search light for 360° coverage with remote operation from wheel house of minimum 500 Watt Xenon lamp (minimum 200 Mtr range) to be positioned on wheel house roof with operating system from inside the wheel house. Loud Hailer:- 01 Nos With speaker forward and aft. <u>Electric Horn/ Whistle:-</u> 01 Nos One electric whistle / horn shall be fitted for navigation. <u>Police Siren</u> - 01 set <u>AIS Type A</u> -01(Having option for reception and transmission Mode) <u>NAVTEX:-</u> For weather and navigational warning shall be provided. <u>Binoculars:-</u> One Marine binocular of Magnification 7 x 50, with protection case of reputed make. One night vision binocular of 7 x magnification be provided. One Barometer, Anemometer, Inclinator and wet & dry bulb thermometer in the wheel house shall be supplied& fitted <u>Navigational lights:-</u> Navigational lights as per COLREG 1972 as amended rules as applicable shall be provided.	a) Check magnetic compass b) Check functioning of GPS, Check correctness of GPS reading by compass. c) Check mounting of VHF Set/Antenna d) Check Physically all navigational light is functional.

		<u>Additional Items</u> Following additional items shall be provided:- 1. Ship's clock- 01 2. First Aid Box 3. EPIRB and SART 4. Additional rugged marine tablet (Minimum 10 inch) with GPS, offline and online navigation capability, waterproof (IP67/IP68) wired/wireless connectivity with mobile phone etc. <u>VHF Radio (Marine) with DSC capabilities:- 01</u> 25W VHF TX/ RX multi-channel marine radio telephone shall be provided positioned in the wheelhouse.	
16.	Power Generation/Power supply	a) Power to be supplied by sets of batteries of the Engines for the purpose of engine starting, emergency lighting, navigational lighting, VHF set, search light etc. b) Independent charging facility to be provided for each set of batteries from engine driven alternator or through outside source of power c) FRP battery boxes with water proof lids & acid resistant lining to be provided & secured in such a manner so as to prevent the movement of batteries in all operating condition. All electrical fittings should be IP 65 rating. d) suitable powered pure sine wave marine grade inverter/UPS system with suitable battery shall be provided to supply essential loads such as lighting communication equipment, GPS, Echo sounder and bilge pump during engine/generator shutdown. The charging system be provided with shore supply connection with 100 mtr cable. e) 01 No. Generator fitted in enclosed FRP Box in Aft Peak. ➤ Make – Honda – Domestic or Fischer Panda – Marine Gen set of suitable power to meet ➤ The power generated by DG shall be adequate for all auxiliary system, heating, ventilation, and air conditioning lighting with 20% extra power than the calculated power.	To be Check physically as well as related docs of DG set

17	Air Condition System	➤ The craft shall be provided with marine reputed make air conditioning system (Split AC System). The system shall be compact environment friendly and have low-power consumption. The capacity of the AC shall be as per requirement. The AC shall be capable of maintaining 24° C room temperature in an ambient temp of 45° with humidity above 80 %.	To be physically checked and all ACs to be run during full load trial.
18.	Boat Ecuipment & Tools	a) Galvanized Grapnel anchor as per class approved with 20 mm Nylon rope having sufficient length with sufficient breaking strength. b) Boat hook having 8 feet length of teak wood with Galvanized hook at the end. c) Suitable capacity Oars 04 Nos with rowing lock, Aft 2 Nos. Astern 2 Nos. d) Mooring lines 100 mtr length, size 14 mm Parachute rope -06 Nos. e) Life line 10 mm 100 Mtr length. of sufficient strength-04 Nos f) Life line throwing 8 mm- 100 Mtr (Parachute rope) -02 Nos g) Parachute rope (20 mm) -55 mtr h) VIP flag post brass detachable-01 No to be installed at the top of cabin/mast (as per suitability) i) Shore supply connection. l) One set of tools specified by the OEM for routine maintenance be provided.	All Rope and tools to be physically checked
19.	Lifting/ Lashing	a) Four lifting points/siling plate at freeboard top/Gunwale (freeboard should be strengthened accordingly) with single lifting center by mean of suitable spreader bar shall be provided for quadruple quick-release sling to enable simple lifting by crane etc. Two stainless steel towing lugs to be provided. The supplier to provid suitable cradle for the stowage of boats on shore for under water hull cleaning. b) Bollard-04 Nos, 02 Forward & 02 Aft for safe working load and size of rope (maximum). c) Cleats-04 Nos, 02 Forward & 02 Aft for safe working load and size of rope (maximum).	To be Checked physically lifting/downing the prototype boat will be as per class requirement

20.	Bilging arrangement	➤ Electric power operated automatic bilge pump (vertical type) be provided ➤ Hand bilge pump- as per class requirements. Bilge alarm system – fitted to all bilge wells to indicate high water level in the bilge	To be Checked physically
21.	Fitting & Fixture	All fitting & fixtures including nut, bolt, screw etc shall be of SS-316 superior marine grade.	Certificates to be checked
22.	On Board spares	Supplier will provide on board spares required for the Engine & DG Set as per OEM recommendations. List of on board spares to be furnished by the supplier in the tender documents in technical bid	Check physically as per list.
23.	Life Saving and firefighting Equipment	a) 04 Nos hazardous Duty, Life jackets as per SOLAS regulation/approved. b) Life Jackets heavy duty- 12 Nos SOLAS regulation/ approved type. c) Life buoy- 04 Nos SOLAS regulation/approved type. d) Fire Extinguisher as per requirements and class approved. e) Suitable First Aid box.	Check physically/ Certificate of class
24.	Life Time Support	The Shipyard is to obtain a Contractual commitment from the various equipment suppliers and provide to the user, product Support including electronics equipment & gadgets fitted in the boat for a minimum period of 15 years after delivery of the Boat.	Certificate to be checked
25.	Certificates and inspection	Boat should be supplied with documentation/ drawings, operational & maintenance manuals/ part catalogue, trial protocol fitted equipment details and boat data book etc. <u>The following Certificates and documents shall be supplied at the time of delivery of the vessel: -</u> a) Classification Certificate as per the construction of boat according to the class Notation issued by Classifications Society Rules. b) Build GA drawing along with other plans approved by class. c) The certificate of materials used in the construction of boat by Classification Society. d) Class reviewed final Stability booklet. e) maintenance schedule and manuals of OBM and DG set.	Check all certificates physically Sea trial to be conducted during JRI at consignee location.

	<u>Below mentioned tests will be witnessed by BOO of BSF. Class rep and firm rep.</u> (At the time of prototype and JRI inspection) ➤ Speed trials at light load and full load conditions ➤ Fuel consumption trials ➤ Range/Endurance trials ➤ Performance trials ➤ Generator trial ➤ Anchor trial ➤ Maneuvering and Turning circle trial trials ➤ Crash stop & Astern Trials ➤ Navigation equipment trial <u>Note:</u> 1. All arrangement including fuel will be arranged by the builder for Prototype inspection at their yard and Sea trail location. 2. All arrangement excluding fuel will be arranged by the builder for JRI at respective consignee location.	
26. Lighting	LED light be provided (all lights shall be LED)	To be Check physically
27. Arms	Mounting arrangements for the following weapon will be provide. 1 LMG at front and astern.	To be Check physically
28. Paint	Tin free anti fouling paint system as per latest International Maritime Organization (IMO) regulations shall be applied to hull bottom (below water line) The pattern of the paint on the outer body part of the boat will be disruptive with combination of OG& cream / smoke gray color. Inside of hull paint color should be pale cream. Anti-Fouling Paint :- Pen guard HB primer (Epoxy primer) 01 Coat-100 Micron (DFT) Safeguard universal ES grey tie coat 01 Coat-100 Micron (DFT) Sea Quantum pro-u light red- 01 coat-150 micron (DFT) (Silyl Acrylate Anti-fouling self-polishing paint) Sea quantum pro-u-dark red -01 coat-150 micron (DFT)	To be Check physically

		(Silyl acrylate anti-fouling self-polishing paint) Metal oxide paint & primer to jet units Jet system/bucket & bucket system & propulsion nozzle & bucket system AFT deck and all rounds walk way anti-skid painting.	
29	Marks on Hull super structure etc	The crafts name, ID No., crafts' emblem & National flag is to be affixed to both sides of the hull at super structure level. The craft's name, ID No. NACP Emblem to be affixed on transom. Size and location will be decided at the time of building of vessel.	To be Check physically
30	Warranty	The firm will have to provide 02 years comprehensive warranty for boat from the date of acceptance of consignee location in satisfactory condition. Guarantee & warranty services on site shall be provided by the OEM/authorized service agencies of respective machineries. The Guaranty / Warrantee shall be comprehensive i.e. for all system. The company will provide the all consumable items including oil / lubricant, filters, batteries, spares of all machineries (Except fuel) for the period of guarantee / warrantee on free of cost. All periodical maintenance should be done by the firm for all machineries/equipment. The OEM service provider of the respective machineries shall provide the past service performance of such engines for last 05 years.	To be Check physically
31	Training	Provision of training to 12 personnel per boat for the period of 02 weeks regarding onboard operation & maintenance of main engine and all fitted equipment shall be included in the initial package.	Firm should conduct onboard training for men at the consignee location

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणात्मक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वेबसाइट पर विक्रेताओं/फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट – सभी विक्रेताओं/फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संलग्न कर ई-मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:-

1. उत्पाद की वास्तविक विवरण पुस्तिका।
2. उत्पाद की साहित्यिक रचना का ब्यौरा।
3. गुणात्मक आवश्यकताओं के उपर व्यापक टिप्पणीयों।

(कपिल चाहर)
16/09/24

(कपिल चाहर)

उप कमांडेंट (आधुनिकीकरण)