



**GOVERNMENT OF KERALA
POLICE DEPARTMENT**

Vazhuthacaud, Thiruvananthapuram - 695010 Ph: 0471-2722566

Fax: 0471- 2722566

e-mail: aig2phq.pol@kerala.gov.in

www.keralapolice.gov.in

H3/7247/2024/PHQ

Dated: 20/03/2024

**e-Government Procurement (e-GP)
NOTICE INVITING TENDER**

The State Police Chief, Kerala Police Department, Government of Kerala invites online bids from reputed manufacturers/ authorized dealers or reputed vendors for the **SUPPLY OF INTERCEPTOR BOAT FOR COASTAL POLICE STATION**. The bidders should comply with the following general conditions in addition to the additional conditions of the instant tender.

General

1. The Bidder should be a reputed Original Equipment Manufacturers (OEM) or authorized dealer of OEM, who is having an Authorization Certificate from the OEM to participate in the tender floated by Kerala Police. Certificate from the OEM for sales and service, to be produced.
2. One bidder can not represent two suppliers/OEMs or quotes on their behalf in a particular tender.
3. The OEM/Bidder should have a well equipped service centre functioning in India (preferable in Kerala) to cater to immediately after sales requirement; copy of Service Centre details must be enclosed along with Tender document. (Preferably bidder should have a Service Centre in Kerala/South India).
4. A reputed vendor can participate in the tender provided the vending outfit is functioning in the market for at least 10 years.
5. The Bidder should have valid GST registration. Copy of GST registration certificate should be enclosed along with the tender.

6. The bidder should have valid PAN/Taxation Index Number. Copy of PAN/Taxation Index Number allocation letter should be enclosed along with the tender.
7. The Bidder must fulfil the following minimum qualification criteria to prove the techno-commercial competence and submit the documents in support thereof:
 - a). Valid Authorization letter from the OEM to attend this particular Tender.
 - b). Certificate of Registration/Incorporation Certificate of the Bidder.
 - c). Last 3 year's financial status of the Bidder's/P&L and Balance Sheet/audit report of last 3 years.
 - d). The bidder (authorized dealer/distributor) should have the dealership/distributionship for at least 3 (three) continuous consecutive years with the OEM.
 - e). The Bidder has to submit a letter specifying the warranty period.
 - f). In case of a propriety item, a certificate by the OEM to be attached.

1	Tender No. & Date	KPET/02/2024/PHQ Dated 20.03.2024
2	Item	SUPPLY OF INTERCEPTOR BOAT FOR COASTAL POLICE STATION
3	Quantity	1 No.
4	Estimated Amount	Rs. 120 Lakh
5	Tender Fees (through online mode only)	Rs. 20,700/- (Rupees Twenty thousand and seven hundred only) (GST extra) 18% GST amount on tender fees mentioned above shall be paid to GST Department directly by the bidder.
6	Earnest Money Deposit (through online mode only)	Rs. 1,20,000/- (Rupees. One lakh and Twenty thousand only)

7	Specifications	Attached in tender document
8	Date and time of publication of e-Tender	20/03/2024, 04:00 PM
9	Date of submission of e-Tender	20/03/2024, 04:00 PM To 30 /03/2024,12:00 NOON
10	Last date and time for online submission of e-tender	30/03/2024, 12:00 NOON
11	Date and time of opening of e-Tender	01/04/2024, 3:00 PM
12	Place of opening	Police Headquarters, Thiruvananthapuram
13	Date, Time and Place of Technical Evaluation	Will be intimated later
14	Bid Validity (Total Number of Days up to which the rates are to be firm)	180 days
15	Warranty & AMC	1 year from the date of acceptance. Charges for AMC/ATS for a period of three years after warranty period should be quoted in the financial Bid.
16	Address of Tender Inviting Authority	State Police Chief, Kerala, Vazhuthacaud, Thiruvananthapuram - 695010 Ph: 0471-2722566 Mobile No. 9497996998 Fax: 0471-2722566 e-mail: aig2phq.pol@kerala@gov.in Website: www.keralapolice.gov.in

8. Mode of submission of bids: - Online. All Bid documents shall be submitted only in online procedure through the e-GP website www.etenders.kerala.gov.in in their designated online covers. Details of covers are given separately. No other mode of submission shall be accepted and such tenders will be rejected outright.

9. Cover details: - No. of covers - 2. i) Technical Bid ii) Financial Bid. The AMC/ATS after warranty period also to be quoted in the Financial Bid. In the case of

Foreign Equipments, the rate must be quoted in Indian Rupees. The documents to be uploaded under each online covers are specified in the website.

10. Downloading of e-Tender documents: - The tender document can be downloaded from the e-GP website www.etenders.kerala.gov.in from the date and time of publication of e-tender onwards to last date and time for online submission of e-tender. Downloading of tender documents will not be possible after the date specified above.

11. Submission of e-Tender documents: - The digitally signed tender document and other specified documents shall be submitted online through the e-GP website www.etenders.kerala.gov.in well in advance before the last date and time mentioned above. No submission shall be allowed after the last date mentioned above.

12. Payment of Tender Fees: - A non-refundable tender fee shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of payment shall be accepted. **THE TENDERS OF BIDDERS WHO DO NOT REMIT FEES THROUGH ONLINE WILL BE REJECTED OUTRIGHT.**

13. Payment of Earnest Money Deposit (EMD): - The EMD shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of remittance shall be accepted.

14. Exemption from payment of EMD: - Bidders who are registered with Store Purchase Department, Kerala or National Small Scale Industries Corporation Ltd., New Delhi (for the items tendered) are exempted from submission of EMD. Those bidders claiming exemption shall submit valid registration certificate from the SPD, Kerala or NSSIC, New Delhi.

Tenders of bidders who do not remit EMD online or do not upload documental proof (digitally signed) for exemption of EMD will be rejected outright.

15. Withdrawal and re-submission of e-Tender: - The Bidders are at liberty to withdraw the submitted tender/documents and to submit fresh tender/documents till the last date and time of submission of the e-Tender after which withdrawal/re-submission will not be allowed.

16. Opening of e-Tenders: - The bids shall be opened online through the e-GP website www.etenders.kerala.gov.in at the Police Headquarters, Vazhuthacaud, Thiruvananthapuram on the date and time mentioned above in the presence of the Bidders/ authorized representatives who wish to attend at the above address. If the tender opening date happens to be a holiday or non-working day due to any valid reason, the tender opening process will be done on the next working day at the same time and place specified. Any change in the opening date/time/venue due to other reasons shall be informed by way of Corrigendum published in the e-GP website. The Technical Bids will be evaluated by a Technical Evaluation Committee and those that do not conform to the specifications or to the satisfaction of the Committee will be rejected. The financial bids of the Technically qualified Tenderers only will be considered for opening. The date of opening of financial Bids will be intimated to the concerned technically qualified tenderers, over phone/Fax/e-mail.

17. Technical Evaluation: - All tenderers who quote for the supply of above Boats are required to be ready for live demonstration. Date of technical evaluation will be

intimated later. Any clarification/doubts regarding the specification or related matters pertaining to Boat may be freely got cleared through **Superintendent of Police, Motor Transport, PHQ Mobile No. 0471-2726809 / 9497996993 (Mail ID: spmt.pol@kerala.gov.in)**.

18. All Bidders who participates in e-tender should produce hard copies of all relevant documents related to e tender at the time of technical evaluation, without fail.

19. Note to Bidders:

- i) Bidders have to procure legally valid Digital Certificate (Class III) as per Information Technology Act, 2000 for digitally signing their electronic bids. Bidders can procure the same from any of the license certifying authority of India. For more details, please visit the e-GP website www.etenders.kerala.gov.in.
- ii) Bidders are advised to note the Tender_Id and Tender No. & Date for future reference.
- iii) All uploaded documents should contain the signature and the office seal of the bidder/ authorized persons and should be digitally signed while uploading. Documents uploaded without digitally signing shall entitle rejection of the tender.
- iv) In the case of Foreign Equipments, the rate should be quoted in Indian Rupees. Preference will be given to those who are ready to supply the item without opening Letter of Credit. Ordinarily, no advance payment will be made for procuring the above item. In case advance payment has to be made, a clear case has to be made out by the Tenderee. However this will be only on extraordinary circumstances.
- v). For obtaining Digital Signature Certificate and help on e-tendering process, contact Kerala State IT Mission, e-Government Procurement PMU & Helpdesk, Basement floor of Pension Treasury Building, Uppalam Road, Statue, Thiruvananthapuram; Ph: 0471-2577088, 2577188; Toll free no: 18002337315; e-mail:etendershelp@kerala.gov.in; Website: www.etenders.kerala.gov.in on all government working days from 9:30 am to 5:30 pm.
- vi) The State Police chief is empowered to reject any tender without assigning any reason.
- vii) For any clarifications regarding the terms and conditions in this tender notice or the tender document, please contact Additional Asst. Inspector General of Police, , OR Senior Superintendent H Branch, Police Headquarters, Vazhuthacaud, Thiruvananthapuram – 10 on all Government working days from 10:30 am to 5:00 pm. Ph:0471-2721547 Fax: 0471-2726945
- viii) **Bidders who are using Internet Banking are requested to make online payment 72 hours in advance.**

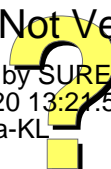
NOTE: - BIDDERS ARE ADVISED TO GO THROUGH THE CONDITIONS IN THE NOTICE INVITING TENDER AND THE TENDER DOCUMENT CAREFULLY AND COMPLY THEM TO AVOID OUTRIGHT REJECTION OF THEIR TENDER.

For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.

Sd/-
Additional Assistant Inspector General of Police
For DIRECTOR GENERAL OF POLICE &
STATE POLICE CHIEF, KERALA

Signature Not Verified

Digitally signed by SURESHKUMAR K
Date: 2024.03.20 13:21:52 PDT
Location: Kerala-KL



eTendering System Government of Kerala

Tender Details



Kei

Date : 20-Mar-2024 01:38 PM

**Basic Details**

Organisation Chain	Kerala Police Police Headquarters		
Tender Reference Number	KPET/02/2024/PHQ		
Tender ID	2024_KP_671154_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Item Wise
Tender Category	Goods	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Online Bankers	S.No	Bank Name
	1	SBI MOPS

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Scanned copy of agreement executed in Kerala Stamp paper Rs. 200 duly signed and sealed in all pages
		.pdf	Scanned copy of Tender Document duly signed and sealed in all pages
		.pdf	Brochures of the item quoted and conditions of supply if any
		.pdf	Copies of other documents required in the Notice Inviting Tender
2	Finance	.xls	Financial Bid

Other Important Documents

S.No	Category	Sub Category	Sub Category Description	Format/File
1	Certificate Details	Permanent Account Number	Permanent Account Number	
2	Certificate Details	Registration Certificate	Registration Certificate	
3	Certificate Details	Income Tax Certificate	Income Tax Certificate	
4	Certificate Details	Power of Attorney	Power of Attorney	
5	Certificate Details	Affidavit regarding correctness of bid	Required in tender document in bidder file 1	
6	Certificate Details	Excise registration Number	Excise registration Number	
7	Certificate Details	Service tax registration No	Service tax registration No	
8	Financial Details	Annual Turn Over Details	Annual Turn Over Details	
9	Financial Details	Bankers Details	Bankers Details	
10	Financial Details	P/L and Balance Sheet 2018-2019	P/L and Balance Sheet 2018-2019	
11	Financial Details	P/L and Balance Sheet 2019-2020	P/L and Balance Sheet 2019-2020	
12	Financial Details	P/L and Balance Sheet 2020-2021	P/L and Balance Sheet 2020-2021	
13	Miscellaneous	Company profile	Company profile	
14	Miscellaneous	Tender documents	Tender documents	

Tender Fee Details, [Total Fee in ₹ * - 20,700]

Tender Fee in ₹	20,700	Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	Yes				

EMD Fee Details

EMD Amount in ₹	1,20,000	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

[Click to view modification history](#)**Work /Item(s)**

Title	SUPPLY OF INTERCEPTOR BOAT FOR COASTAL POLICE STATION				
Work Description	SUPPLY OF INTERCEPTOR BOAT FOR COASTAL POLICE STATION				
Pre Qualification Details	Refer Notice Inviting Tender and specification				
Independent External Monitor/Remarks	NA				
Tender Stage to disclose bid details to other bidders/public domain	Yes				
Tender Value in ₹	1,20,00,000	Product Category	Vehicles/Vehicle Spares	Sub category	INTERCEPTOR BOAT
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	60
Location	Kerala	Pincode	695010	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Police Headquarters
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	20-Mar-2024 04:00 PM	Bid Opening Date	01-Apr-2024 03:00 PM
Document Download / Sale Start Date	20-Mar-2024 04:00 PM	Document Download / Sale End Date	30-Mar-2024 12:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	20-Mar-2024 04:00 PM	Bid Submission End Date	30-Mar-2024 12:00 PM

Tender Documents				
NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Notice Inviting Tender	101.81
Work Item Documents	S.No	Document Type	Document Name	Description
	1	Tender Documents	GeneralConditions.pdf	Tender Document, General conditions, format for agreement etc
	2	Other Document	Specification.pdf	Specification
	3	BOQ	BOQ_1044406.xls	Financial Bid
				92.96
				5189.21
				289.50

Bid Openers List			
S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	suresh5160@gmail.com	Sureshkumar K	SURESHKUMAR K
2.	visakh1156@gmail.com	Visakh N	VISAKH N
3.	shibuphq@gmail.com	SHIBU A	Shibu. A

Tender Properties			
Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bid Details in Public Domain stage	Technical Bid Opening
BoQ Comparative Chart model	Normal	BoQ Compartive chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority	
Name	DGP and State Police Chief Kerala
Address	Police Headquarters Vazhuthacaud Thiruvananthapuram Kerala 695010

Tender Creator Details	
Created By	Sureshkumar K
Designation	Junior Superintendent
Created Date	20-Mar-2024 01:27 PM

POLICE



DEPARTMENT

No. E2-3848/2023/CPHQ

Coastal Police Headquarters,
Kochi

✉ dgpcosec.pol@kerala.gov.in

☎ 04842211000

Dated. 09-08-2023

Minutes of the Specification Committee Meeting

ANNEXURE 1

DRAFT TECHNICAL PARAMETERS FOR PROCURING 05 / 12 TON INTERCEPTOR BOATS

Sl. No	Parameters/ Features	Details
ROLE & FUNCTION: Interceptor, regular patrolling search & rescue operations.		
Principal Dimensions		
1	Class	Reverse Sea Vessel(RSV) Type 4 under (IRS Class)
2	Length of Hull (Overall)	10 Meter Inboard or 13 Meter Outboard(safe Manoeure)
3	Breadth (Overall)	3.8 Meters
4	Max Hull Draught (full load)	To be designed during final stage.
5	Depth	2.6 Meter maximum
6	Speed	25 knots
7	Range	75Nautical Miles at Cruising Speed with 25% reserve fuel
8	Capacity	The Boat shall have the capacity of 10 person (04 crew +06) (Avg. of 100 Kg/ person)
9	Endurance	The Boat should have endurance of Minimum 06 hours at cruising speed of 15 knots at full Load capacity.at 70 Nm
		i. The boat shall be built as per proven hull form in single mould which can achieve the desired parameters with similar hull type and dimensions. ii. The hull shall be constructed in accordance with classification society rules and shall be constructed using GRP /FRP/Indigenously sourced class



E2-3848/2023/CPHQ



052a58

10	Hull	<p>approved marine grade Aluminum material (Base material Vinyl Ester/ additives /core material/Gel Coat) approved by class. Final coat in way of fuel tank should be fire retardant.</p> <p>iii. Under deck includes longitudinal and transverse stiffeners and sub-division bulkheads, with anti-flooding and damage control as per class requirements.</p> <p>iv. The hull should be strengthened enough to resist the slamming effect of the water waves.</p> <p>v. The construction of the boat should be done in</p>
		<p>controlled temperature/humidity to gain the best lamination property.</p> <p>vi. Collar : Hull of the boat shall have compact/good quality/heavy duty rigid collar made of hard foam with suitable shape corresponding to the design all around the boat. The foam used should have minimum shore hardness as per international standards.</p> <p>vii. Fender : 06 Nos pneumatic fender to be provided including 02 reserves.Fitted Rubber fender all around</p> <p>viii. Railings Suitable hand railings / Collapsible should be provided in all deck with SS 316 Grade Material.</p>
11	Cabin	<p>i. It should be covered console having uncluttered three side view with bullet proof shield, all round the cabin including wind shield glass and side glass with open & close system for natural ventilation. Forced ventilation also be provided. (Bullet proofing to be suitable for 7.62 mm bullet fired from a distance of 10 meters)</p> <p>ii. Size of the cabin should be as per seating arrangement of 10 person excluding with mitigating adjustable seats for helm master & co-driver.</p> <p>iii. Suitable hand grip should be provided with each seats.</p> <p>iv. 05 seats each at STBD & port side duly padded, back rest & seat belts.</p> <p>v. A cushion bay</p>
12	Floor	Anti-skid floor/deck and all surfaces shall have minimum maintenance requirement and easy to clean. The areas of floor/deck should have adequate handhold where ever required.
13	Fresh Water Capacity	200 litres
14	Fuel Capacity	To meet Range/Endurance
15	Propulsion	Normal conventional Screw propulsion
16	Operational Capabilities	The ships should be capable of maintaining maximum sustainable speed without impairing crew or boat performance in sea conditions up to sea state 3 (significant wave height 1.5 m), remain operational with reduced performance in conditions above sea state 3.
		The boat shall be fitted with Twin Four Stroke Petrol out board motors (OBM) of reputed make



17	Engine	to meet the speed as mentioned in Sl. No-06. The OBM should have authorized dealer with established own workshop network and service centers all over India or Inboard Twin Diesel Cummins engine (BS VI) To be provided to meet the speed as mentioned in Sl. No-06
18	Console meter	For Engine, Throttle / Gear controls, Techno meters, engine hour-meter, engine water temperature gauge, battery meter, boat speed indicator, oil temperature & pressure meters etc.,
19	Navigation/ Communication approved type	<ul style="list-style-type: none"> i. Simple bracket-mounted magnetic compass shall be fitted to the instrument panel. ii. Removable type bracket mounted GPS system with colour display unit iii. Navigational light to be provided at port & STBD Side and to be placed at a position to prevent damage from stacking at Jetty. Also provide navigational light as per class requirement. iv. Remotely operated Search light with 360° operation with luminosity and effective range of 800 meters in clean weather v. AIS transponder
20	Power Generation& Distribution	<ul style="list-style-type: none"> i. Power to be supplied by sets of batteries of the OBM's for the purpose of engine starting, lighting, navigational lighting, VHF Sets, Search light charging etc., ii. Independent charging facility to be provided for each set of batteries from engine driven alternator or through outside source of power. Required rectifiers & voltage stabilizers are to be catered for. iii. 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 standard as per norms. iv. 1000 watts' capacity inverter/UPS system to be provided with set of batteries to power the lighting, communication system and other electrical equipments. The charging system to be provided with shore supply connection with minimum 100 meter cable and portable generator (1KVA)
21	Boats Equipments & tools	<ul style="list-style-type: none"> i. Galvanised grapnel anchor as per class approved with 19mm PP rope having 50mtr length with sufficient breaking strength. ii. Boat hook having 08 feet length of teak wood with galvanized hook at the end. iii. Suitable capacity oars 04 nos with rowing lock. Aft 02 nos, astern 02 nos. iv. Mooring lines 20 mtr length, size 16mm Pp rope of sufficient strength-06 Nos, iv. Mooring lines 20 mtr length, size 16mm Pp rope of sufficient strength-06 Nos, v. Mooring line 30 Mtr Lengt size 12 mm PP rope of sufficient strength-04 nos vi. Hook for toeing vii. One set of following tools specified by the OEM for routine maintenance



E2-3848/2023/CPHQ



052a58

		<ul style="list-style-type: none"> a) Propeller repairing tool kit - 01 Set b) Hand oil pump to drain sump oil – 01 No c) Tool for removing & fixing of oil filter – 01 No d) Spark plug spanner – 01 No e) Screw driver set Flat & Star – 01 set f) 08” Plier - 01 No
22	Fitting & fixtures (Deck Equipment)	Bollards, Fair leads, Toeing Post, Mooring Pits (SS marine grade)
23	Bilging arrangement	Hand operated and electrical bilge pumps be provided as per class requirement in each compartment
24	Life saving & Fire fighting equipments	<ul style="list-style-type: none"> i. 04 Nos hazardous duty life jackets as per SOLAS regulation/approved. ii. LIFE Jackets heavy duty – Minimum 14 Nos SOLAS Regulation/ approved type. iii. Life buoy with light - 04 Nos SOLAS Regulation/ approved type. iv. Fire Extinguisher as per requirement and class approved(09 litre foam & 02 litre Co2 ABC Type). v. Suitable First aid box. vi. body recovery stretcher, rescue sling, scramble net, smoke markers and self-igniting lights to be provided as per SOLAS requirement. vii. Self-operated fire pump (independent) with coupling hose & nozzle of standard size, Fire Axe, Sand bag, Sand box with scoop, fire bucket, Under Water search light, Smoke alarm to be provided
25.	Documents	Boats should be supplied with documentation/proven drawings, fitted equipment details and boat data book
26	Certificates	<p>The following certificates and documents shall be supplied at the time of delivery of vessel.</p> <ul style="list-style-type: none"> i. Classification certificate as the construction of boat according to the class notation by the society rules. ii. GA drawing along with other plans approved by class. iii. Load testing certificate of four point lifting arrangement. iv. The certificate of material used in the construction of boat by classification society. v. Certificates of Bullet proof material/glasses by authorized agencies. vi. Stability booklet vii. Basin trial <ul style="list-style-type: none"> a) Swamp test b) Drop test 10 feet & 20 feet c) Impact test d) Deflection test e) Weighing test f) Basin/mooring trials viii. Sea trial reports containing the following tests should be conducted <ul style="list-style-type: none"> a) Fuel consumption trials b) Speed trials at light load and full load conditions c) Range/endurance trials

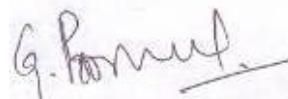


E2-3848/2023/CPHQ



052a58

		d) Performance trials e) Manuevering trials f) Crash stop & Atern trials
27	Navigation Equipment	Navigation Radars, Electronic Chart Display and Information System (ECDIS), Gyro, Electro Magnetic(EM) Log, Echo Sounder, Magnetic Compass, Differential Global Positioning System(DGPS), Universal Automatic Identification System(UAIS), Anemometer, Electric Whistle, Air Horn, Long Range Acoustic Hailing Device, Hand Held Navigation aids, Meteorological Instrument/ Arrangement/ Aids, Night Navigation Aids, Search Light etc.
28	Internal Communications	Ship to be provided with suitable internal communication viz. Main broadcast, Intercom and sound power telephones etc.
29.	Arms	Provisions for Main weapon and other Small arms. Stowing arrangements for all small arms and ammunition to be catered. Mounting devices & Equipment should be stable and proper test should be done
30	Lightings	LED lightings to be provided. For emergency 24 V battery should be provided with LED light.
31	Registration	Registration of the vessels should be done by the supplier as per the IRS rules
32	CCTV System	Marine version CCTV system to be provided
33	Ventilation and Air- conditioning	Proper ventilation and air conditioning should be provided
34	Environmental/ Ecological requirements	Sewage Treatment Plants as per MARPOL requirements. Marine Toilets Systems/ Sanitation Devices.
35	Cradles/ Lifting Arrangement	Total 05 Cradles with lifting arrangements
36	Service Life	Should have a service life of 15 years. Annual exploitation of minimum 600 hrs.



G POONGUZHALI IPS
Assistant Inspector General
For Inspector General of Police (Coastal Police)

