

REQUEST FOR PROPOSAL FORMAT
(Particulars of the Buyer issuing the RFP)

Tel: 079-23243247
EMAIL: rhq-nw@indiancoastguard.nic.in

Reply should be addressed to the
Commander

Headquarters
Coast Guard Region (NW)
Sector-11, Udyog Bhavan
Post Box No. 09
Gandhinagar-382010

Quoting: 4430/429/LP/MW/19-20

24 Feb 20

M/s

INVITATION OF ONLINE BIDS FOR PURCHASE
OF CENTRIFUGAL SEPARATOR/ DIESEL PURIFIER

Request for Proposal (RFP) No.: 4430/ARD/16/MW/17/19-20 dated 24 Feb 20.

1. "The Bids in sealed cover are invited for supply of items listed in part II of this RFP. OEMs that have a policy for not supplying items directly to International customer, such OEMs may direct authorised dealers to submit the quote on their behalf. OEMs are to forward copy of their company policy and authorised dealer certificate (in original) at the time of submission of the Bid.
2. The address and contact numbers for sending Bids or seeking clarifications regarding this RFP are given below -

The Commander
(for Officer-in-Charge LP Cell)
Headquarters
Coast Guard Region (NW)
Sector-11, Udyog Bhavan
Post Box No. 09
Gandhinagar-382 010
Telefax: 079 – 23243247
EMAIL: pna-nw@indiancoastguard.nic.in

3. This RFP is divided into five parts as follows:

- (a). Part I – Contains General Information and Instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, Validity period of tenders, etc.
- (b). Part II – Contains essential details of the items/services required, such as the Schedule of Qualitative Requirements (SQR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee Details.
- (c). Part III – Contains Standard Conditions of RFP, which will form part of the Contract with the successful Bidder.
- (d). Part IV – Contains Special Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.
- (e). Part V – Contains Evaluation Criteria and Format for Price Bids.

4. This RFP is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the RFP, should it become necessary at any stage.

Part I – General information

1. Last date and time for depositing the Bids: **1130 Hrs on 17 Mar 2020.**
2. **Manner of depositing the Bids:** Sealed Bids/ fax (by post also) should be either dropped in the Tender Box marked as "4430/ARD/429/MW/17/19-20 dated 24 Feb 20", **Due date: 17 Mar 2020** or sent by registered post/speed post at the address given above so as to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or non delivery/ non-receipt of Bid documents. Bids sent by FAX or e-mail will not be considered (unless they have been specifically called for by these modes due to urgency).
3. **Time and date for opening of Bids: 1530 hrs on 17 Mar 2020.**
4. **Mod of Bid** : Two bid system
5. **Location of the Tender Box:** Tender box is positioned at CGRHQ(NW) Guard Room. Bids to be dropped in the tender box marked "**Headquarters Coast Guard (NW)**". Bids dropped in the wrong tender box will be rendered invalid.
6. **Place of opening of the Bids: HQ CGR (NW), Gandhinagar.** The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. Rates and important commercial/technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the Bidders. This event will not be postponed due to non-presence of your representative.
7. **Manner of depositing the Bids:** The bids are to be forwarded under the Two-bid system. Only the Technical Bid would be opened on the time and date mentioned above. Date of opening of the commercial Bid will be intimated after acceptance of the Technical Bids. Commercial Bids of only those firms will be opened, whose Technical Bids are found compliant/suitable after Technical evaluation is done by the Buyer. Sealed Bids (by post also) should be dropped in the Tender Box marked as "**4430/ARD/429/MW/17/19-20 dated 24 Feb 20**".

8. **Forwarding of Bids.** Bids should be forwarded by Bidders under their original memo / letter pad inter alia furnishing details like GST Number, Bank address with EFT Account if applicable, etc and complete postal & e-mail address of their office. **OEM certificate regarding authorised spares / service provider to be attached with bids.**

9. **Clarification regarding contents of the RFP.** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought **not later than 14 (fourteen) days** prior to the date of opening of the Bids. Copies of the query and clarification by the purchaser will be sent to all prospective bidders who have received the bidding documents.

10. **Modification and Withdrawal of Bids.** A bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by fax but it should be followed by a signed confirmation copy to be sent by post and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security.

11. **Clarification regarding contents of the Bids.** During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

12. **Rejection of Bids.** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.

13. **Unwillingness to quote.** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of opening of the Bid, failing which the defaulting Bidder may be delisted for the given range of items as mentioned in this RFP.

14. **Validity of Bids.** The Bids should remain valid till **90 days** from the last date of submission of the Bids.

15. **Earnest Money Deposit.** Bidders are required to submit Earnest Money Deposit (EMD) for amount of ₹ **90,000.00** along with their bids. The EMD may be submitted in the form of an Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the public sector banks or a private sector bank authorized to conduct government business as per Form DPM-16 (Available in MoD website and can be provided on request). EMD is to remain valid for a period of forty-five days beyond the final bid validity period. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The Bid Security of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. **EMD is not required to be submitted by those Bidders who are registered with the Central Purchase Organization (e.g. DGS&D), National Small Industries Corporation (NSIC) or any Department of MoD or MoD itself.** The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender.

Part II – Essential Details of Items/Services required

1. **Schedule of Requirements.** List of items / services required for spares for **Centrifugal Separator/ Diesel oil Purifier** is as follows:

Name/Type of item/services/description of stores Qty required

Sl	Description	Part No	Qty
(i)	Centrifugal Separator/ Diesel oil Purifier	--	02

2. **Technical details** - As per Appendix-"A" (SQR)
3. **Two-Bid System** - Yes

In respect of Two-bid system, Bidders are required to furnish clause by clause compliance of specifications bringing out clearly the deviations from specification, if any. The bidders are advised to submit the compliance statement in the following format along with Technical Bid :-

Para of RFP specifications item-wise	Specification of item offered	Compliance to RFP specification – whether Yes/No	In case of non- compliance, deviation from RFP to be specified in unambiguous terms

4. **Product Certification** – Bidders are required to submit documents as listed in SQRs.
5. **Delivery Period** . Delivery period for supply of items would be **150 days** from the effective date of contract. Please note that Contract can be cancelled unilaterally by the Buyer in case items are not received within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Buyer, with applicability of LD clause.
6. **Consignee details.**

The Commander
CGDHQ-15
Post Box No. 16,Port Okha } for 01 qty
Dist. Devbhumi Dwarka
Gujarat- 361 350

The Commanding Officer
ICGS Jakhau
Naliya, Kutch } for 01 qty
Gujarat- 370 655

Part III – Standard Conditions of RFP

The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of the Bid submitted by the Bidder.

1. **Law.** The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract.** The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration.** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. The standard clause of arbitration is as per Forms DPM-7, DPM-8 and DPM-9 (Available in MoD website and can be provided on request).
4. **Penalty for use of Undue influence.** The Seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the present Contract or any other Contract with the Government of India. Any breach of the aforesaid undertaking by the Seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or Many other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.
5. **Agents / Agency Commission.** The Seller confirms and declares to the Buyer that the Seller is the original manufacturer of the stores/provider of the services referred to in this Contract and has not engaged any individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to the award of the contract to the Seller; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Seller agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the Buyer that the Seller has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees,

commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, the Seller will be liable to refund that amount to the Buyer. The Seller will also be debarred from entering into any supply Contract with the Government of India for a minimum period of five years. The Buyer will also have a right to consider cancellation of the Contract either wholly or in part, without any entitlement or compensation to the Seller who shall in such an event be liable to refund all payments made by the Buyer in terms of the Contract along with interest at the rate of 2% per annum above LIBOR rate. The Buyer will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

6. **Access to Books of Accounts.** In case it is found to the satisfaction of the Buyer that the Seller has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the Buyer, shall provide necessary information/ inspection of the relevant financial documents/information.

7. **Non-disclosure of Contract documents.** Except with the written consent of the Buyer/ Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

8. **Liquidated Damages.** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc as specified in this contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SELLER as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

9. **Termination of Contract.** The Buyer shall have the right to terminate this Contract in part or in full in any of the following cases:-

- (a) The delivery of the material is delayed for causes not attributable to Force Majeure for more than (01 months) after the scheduled date of delivery.
- (b) The Seller is declared bankrupt or becomes insolvent.
- (c) The delivery of material is delayed due to causes of Force Majeure by more than (03 months) provided Force Majeure clause is included in contract.
- (d) The Buyer has noticed that the Seller has utilised the services of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.
- (e) As per decision of the Arbitration Tribunal.

10. **Notices.** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by FAX or registered pre-paid mail/airmail, addressed to the last known address of the party to whom it is sent.

11. **Transfer and Sub-letting.** The Seller has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

12. **Patents and other Industrial Property Rights.** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other industrial property rights. The Seller shall indemnify the Buyer against all claims from a third party at any time on account of

the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Seller shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

13 **Amendments:** No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

14 **Taxes and Duties**

(a) **In respect of Foreign Bidders.** All taxes, duties, levies and charges which are to be paid for the delivery of goods, including advance samples, shall be paid by the parties under the present contract in their respective countries.

(b) **In respect of Indigenous bidders.**

(i) **General.**

1. Bidders must indicate separately the relevant taxes/duties likely to be paid in connection with delivery of completed goods specified in RFP. In absence of this, the total cost quoted by them in their bids will be taken into account in the ranking of bids.

2. If a Bidder is exempted from payment of any duty/ tax upto any value of supplies from them, he should clearly state that no such duty/tax will be charged by them up to the limit of exemption which they may have. If any concession is available in regard to rate/ quantum of any Duty/ tax, it should be brought out clearly. In such cases, relevant certificate will be issued by the Buyer later to enable the seller to obtain exemptions from taxation authorities.

3. Any changes in levies, taxes and duties levied by central/state/ Local governments such as excise duty, GST, etc on final product upward as a result of any statutory variation taking place within contract period shall be allowed reimbursement by the buyer, to the extent of actual quantum to such duty/tax paid by the seller. Similarly, in case of downward revision in any such duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the buyer by the seller. All such adjustments shall include all reliefs, exemptions, rebates, concession etc, if any, obtained by the seller. Section 64-A of sales of goods act will be relevant in this situation.

4. Levies, taxes and duties levied by central/State/Local governments such as excise duty, GST, etc on final product will be paid by the buyer on actual, based on relevant documentary evidence. Taxes and duties on input items will not be paid by buyer and they may not be indicted separately in the bids. Bidders are required to include the same in the pricing of their product.

(ii) **Customs Duty.**

1. ~~For imported stores offered against forward delivery, the Bidder shall quote prices thereof exclusive of customs duty. The Bidder shall specify separately the C.I.F. prices and total amount of customs duty payable. They will also indicate correctly the rate of customs duty applicable along with Indian Customs Tariff Number. Customs duty as actually paid will be reimbursed on production of necessary documents i.e. (i) Triplicate copy of the bill of entry; (ii) copy of bill of lading; (iii) a copy of foreign principal's invoice. However, if the~~

~~Bidder imports the stores in question against his own commercial quota Import Licences, he will also be required to submit in addition the triplicate copy of bills of entry etc. a certificate from his Internal Auditor on the bill itself, to the effect that the following items/quantity in the bill of entry related to the stores imported against Defence Buyer contract number..... dated.....~~

~~2. Subsequent to the reimbursement of customs duty, the Bidder will submit to the concerned Payment Authority a certificate to the effect that he has not obtained any refund of customs duty subsequent to the payment of duty to the Customs authority by him. In addition, he shall also submit to the Paying Authority concerned a certificate immediately after a period of three months from the date of payment of the duty to customs authorities to the effect that he has not applied for refund of the customs duty subsequent to the payment of duty to the customs authorities by him.~~

~~3. In case the Bidder obtains any refund of customs duty, subsequently to the payment of the same by him to the customs authorities and reimbursement of the customs duty to him by the Payment Authority, he should forthwith furnish the details of the refund obtained and afford full credit of the same to the Buyer.~~

(iii) Excise Duty.

1. Where the excise duty is payable on advalorem basis, the Bidder should submit along with the tender, the relevant form and the Manufacturer's price list showing the actual assessable value of the stores as approved by the Excise authorities.

2. Bidders should note that in case any refund of excise duty is granted to them by Excise authorities in respect of Stores supplied under the contract, they will pass on the credit to the Buyer immediately along with a certificate that the credit so passed on relates to the Excise Duty, originally paid for the stores supplied under the contract. In case of their failure to do so, within 10 days of the issue of the excise duty refund orders to them by the Excise Authorities the Buyer would be empowered to deduct a sum equivalent to the amount refunded by the Excise Authorities without any further reference to them from any of their outstanding bills against the contract or any other pending Government Contract and that no disputes on this account would be raised by them.

3. The Seller is also required to furnish to the Paying Authority the following certificates:

(a) Certificate with each bill to the effect that no refund has been obtained in respect of the reimbursement of excise duty made to the Seller during three months immediately preceding the date of the claim covered by the relevant bill.

(b) Certificate as to whether refunds have been obtained or applied for by them or not in the preceding financial year after the annual Audit of their accounts also indicating details of such refunds/applications, if any.

(c) A certificate along with the final payment bills of the Seller to the effect whether or not they have any pending appeal/protest for refund or partial refund of excise duties already reimbursed to the Seller by the Government pending with the Excise authorities and if so, the nature, the amount involved, and the position of such appeals.

(d) An undertaking to the effect that in case it is detected by the Government that any refund from Excise Authority was obtained by the Seller after obtaining reimbursement from the Paying Authority, and if the same is not immediately refunded by the Seller to the Paying Authority giving details and particulars of the transactions, Paying Authority will have full authority to recover such amounts from the Seller's outstanding bills against that particular contract or any other pending Government contracts and that no dispute on this account would be raised by the Seller.

4. Unless otherwise specifically agreed to in terms of the contract, the Buyer shall not be liable for any claim on account of fresh imposition and/or increase of Excise Duty on raw materials and/or components used directly in the manufacture of the contracted stores taking place during the pendency of the contract.

(iv) Sales Tax / GST.

1. If it is desired by the Bidder to ask for Sales tax / GST to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of sales tax and no liability of sales tax will be developed upon the Buyer.

2. On the Bids quoting sales tax /GST extra, the rate and the nature of Sales Tax applicable at the time of supply should be shown separately. Sales tax will be paid to the Seller at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax and the same is payable as per the terms of the contract.

~~(v) Octroi Duty & Local Taxes.~~

~~1. Normally, materials to be supplied to Government Departments against Government Contracts are exempted from levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such Exemption only on production of such exemption certificate from any authorised officer. Seller should ensure that stores ordered against contracts placed by this office are exempted from levy of Town Duty/Octroi Duty, Terminal Tax or other local taxes and duties. Wherever required, they should obtain the exemption certificate from the Buyer, to avoid payment of such local taxes or duties.~~

~~2. In case where the Municipality or other local body insists upon payment of these duties or taxes the same should be paid by the Seller to avoid delay in supplies and possible demurrage charges. The receipt obtained for such payment should be forwarded to the Buyer without delay together with a copy of the relevant act or bylaws/ notifications of the Municipality of the local body concerned to enable him to take up the question of refund with the concerned bodies if admissible under the said acts or rules.~~

15. **Pre-Integrity Pact Clause**—An "Integrity Pact" would be signed between the Ministry of Defence/Buyer and the Bidder for purchases exceeding Rs.100 crores. This is a binding agreement between the Buyer and Bidders for specific contracts in which the Buyer promises that it will not accept bribes during the procurement process and Bidders promise that they will not offer bribes. Under this Pact, the Bidders for specific services or contracts agree with the Buyer to carry out the procurement in a specified manner. The Format of Pre-Integrity Clause will be as per Form DPM-10 (Available in MoD website, and can be provided on request). **NA**

The essential elements of the Pact are as follows:

- (a). A pact (contract) between the Government of India (Ministry of Defence) (the authority or the "principal") and those companies submitting a tender for this specific activity (the "Bidder");
- (b). An undertaking by the Principal that its officials will not demand or accept any bribes, gifts etc., with appropriate disciplinary or criminal sanctions in case of violation;
- (c). A statement by each Bidder that it has not paid, and will not pay, any bribes;
- (d). An undertaking by each Bidder to disclose all payments made in connection with the Contract in question to anybody (including agents and other middlemen as well as family members, etc., of officials); the disclosure would be made either at the time of submission of Bids or upon demand of the Principal, especially when a suspicion of a violation by that Bidder emerges;
- (e). The explicit acceptance by each Bidder that the no-bribery commitment and the disclosure obligation as well as the attendant sanctions remain in force for the winning Bidder until the contract has been fully executed.
- (f). Undertaking on behalf of a Bidding company will be made "in the name and on behalf of the company's Chief Executive Officer".
- (g). The following set of sanctions shall be enforced for any violation by a Bidder of its commitments or undertakings:
 - (i). Denial or loss of contracts;
 - (ii). Forfeiture of the Bid security and performance bond;
 - (iii). Liability for damages to the principal and the competing Bidders; and
 - (iv). Debarment of the violator by the Principal for an appropriate period of time.
- (h). Bidders are also advised to have a company code of conduct (clearly rejecting the use of bribes and other unethical behaviour and compliance program for the implementation of the code of conduct throughout the company.

Part IV – Special Conditions of RFP

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.

1. Performance Guarantee.

(a). **Indigenous cases.** The Bidder will be required to furnish a Performance Guarantee by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to **10% of the contract value**. Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty. The specimen of PBG is given in Form DPM-15 (Available in MoD website and can be provided on request). You are requested to forward PBG **within 30 days of receipt of the confirmed order failing which:**

- (i) No exemption certificate will be provided
- (ii) The order is likely to be cancelled.
- (iii) The firm listed has UNRELIABLE SUPPLIER
- (iv) Suspension for one year for aware of any contract.

- (b). **Foreign cases.** NA
2. **Option Clause.** NA
3. **Repeat Order Clause.** NA
4. **Tolerance Clause.** NA
5. **Payment Terms for Indigenous Sellers.** It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e-payment details so that payments could be made through ECS/EFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate form prescribed by RBI to be submitted by Bidders for receiving payments through ECS is at Form DPM-11 (Available in MoD website and can be given on request). The payment will be made as per the following terms, on production of the requisite documents:
- (a). ~~95% Payment against Inspection note, Proof of despatch, duly supported by Xerox copy of the Bank Guarantee and against Consignee's provisional receipt. Balance of 5% will be paid on receipt of items in good condition by consignee(s) along with user's certificate of complete Installation and successful commissioning.~~
- OR
- (b). **100% payment on delivery and acceptance by the user.**
- OR
- (c). ~~Stage-wise payments (To be defined as per complexity of case)~~
- OR
- (d). ~~Quarterly payments on submission of User clearance certificate in respect of AMG contracts.~~
6. **Payment terms for Foreign Sellers . NA**
7. **Advance Payments.** No advance payment(s) will be made.
- OR
- (a). ~~Advance payments may be made up to 15% against appropriate Bank guarantee or any authorised guarantee, as acceptable to the Buyer.~~
8. **Paying Authority.**
- (a) Indigenous Sellers: (The Principal Controller of Defence Accounts (N), Imprest/ Store Section , No.1 Cooperage Road, Mumbai - 400 039, Phone 022-22021231 & 022-22021523). The payment of bills will be made on submission of the following documents by the Seller to the Paying Authority along with the bill:
- (i) Ink-signed copy of contingent bill / Seller's bill.
 - (ii) Ink-signed copy of Commercial invoice / Seller's bill/
 - (iii) Copy of Supply Order/Contract with U.O. number and date of IFA's
 - (iv) Concurrence, where required under delegation of powers.
 - (iv). CRVs in duplicate.
 - (v) Inspection note.
 - (vi) Claim for statutory and other levies to be supported with requisite documents / proof of payment such as Excise duty challan, Customs duty clearance certificate, Octroi receipt, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc as applicable.
 - (vii). Exemption certificate for Excise duty / Customs duty, if applicable.
 - (vii) Bank guarantee for advance, if any.
 - (ix). Guarantee / Warranty certificate.

- (x). Performance Bank guarantee / Indemnity bond where applicable.
- (xi). DP extension letter with CFA's sanction, U.O. number and date of IFA's concurrence, where required under delegation of powers, indicating whether extension is with or without LD.
- (xii). Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type, Account number, IFSC code, MICR code (if these details are not incorporated in supply order/contract) **ECS Mandate Form.**
- (xiii). Any other document / certificate that may be provided for in the Supply Order / Contract.
- (xiv). User Acceptance.
- (xv). Xerox copy of PBG.

(Note – From the above list, the documents that may be required depending upon the peculiarities of the procurement being undertaken, may be included in RFP)

9. **Fall clause.** The following Fall clause will form part of the contract placed on successful Bidder-

(a). The price charged for the stores supplied under the contract by the Seller shall in no event exceed the lowest prices at which the Seller sells the stores or offer to sell stores of identical description to any persons/Organisation including the purchaser or any department of the Central government or any Department of state government or any statutory undertaking the central or state government as the case may be during the period till performance of all supply Orders placed during the currency of the rate contract is completed.

(b). If at any time, during the said period the Seller reduces the sale price, sells or offer to sell such stores to any person/organisation including the Buyer or any Deptt, of central Govt. or any Department of the State Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, the shall forthwith notify such reduction or sale or offer of sale to the Director general of Supplies & Disposals and the price payable under the contract for the stores of such reduction of sale or offer of the sale shall stand correspondingly reduced. The above stipulation will, however, not apply to:-

- (i) Exports by the Seller.
- (ii) Sale of goods as original equipment at price lower than lower than the prices charged for normal replacement.
- (iii) Sale of goods such as drugs which have expiry dates.
- (iv) Sale of goods at lower price on or after the date of completion of sale/placement of the order of goods by the authority concerned under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Govt. Depts, including their undertakings excluding joint sector companies and/or private parties and bodies.

(c). The Seller shall furnish the following certificate to the Paying Authority along with each bill for payment for supplies made against the Rate contract – "We certify that there has been no reduction in sale price of the stores of description identical to the stores supplied to the Government under the contract herein and such stores have not been offered/sold by me/us to any person/organisation including the purchaser or any department of Central Government or any Department of a state Government or any Statutory Undertaking of the Central or state Government as the case may be up to the date of bill/the date of completion of supplies against all supply orders placed

during the currency of the Rate Contract at price lower than the price charged to the government under the contract except for quantity of stores categories under sub-clauses (a),(b) and (c) of sub-para (ii) above details of which are given below -".

10. **Exchange Rate Variation Clause.** NA

11. **Risk & Expense clause.**

1. Should the stores or any installment thereof not be delivered within the time or times specified in the contract documents, or if defective delivery is made in respect of the stores or any installment thereof, the Buyer shall after granting the Seller 45 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of contract, to declare the contract as cancelled either wholly or to the extent of such default.

2. Should the stores or any installment thereof not perform in accordance with the specifications / parameters provided by the SELLER during the check proof tests to be done in the BUYER's country, the BUYER shall be at liberty, without prejudice to any other remedies for breach of contract, to cancel the contract wholly or to the extent of such default.

3. In case of a material breach that was not remedied within 45 days, the BUYER shall, having given the right of first refusal to the SELLER be at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other stores of the same or similar description to make good:-

(a). Such default.

(b). In the event of the contract being wholly determined the balance of the stores remaining to be delivered there under.

4. Any excess of the purchase price, cost of manufacturer, or value of any stores procured from any other supplier as the case may be, over the contract price appropriate to such default or balance shall be recoverable from the SELLER.

12. **Force Majeure clause.**

(a). Neither party shall bear responsibility for the complete or partial non performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.

(b). In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

(c). The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

(d). Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.

(e). If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party hereto reserves the right to terminate the

contract totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

13. Buy-Back offer . ~~Buyer is interested to trade the existing old goods while purchasing the new ones. Bidders may formulate and submit their tenders accordingly. Interested Bidders can inspect the old goods to be traded through this transaction. Buyer reserves its right to trade or not to trade the old goods while purchasing the new ones and the Bidders are to frame their bids accordingly covering both the options. Details for buy-back offer are as under—~~

- ~~(a).— Details of Items for buy back scheme— Make/Model, Specs, Year of Production/Purchase, Period of Warranty/AMC, etc.~~
- ~~(b).— Place for inspection of old items— Address, Telephone, Fax, e-mail, Contact personnel, etc.~~
- ~~(c).— Timings for Inspection— All weekdays between ___ to ___.~~
- ~~(d).— Last date for inspection— 1 day before the last date of submission of bids.~~
- ~~(e).— Period of handing over old items to successful bidder— Within 15 days of placement of order.~~
- ~~(f).— Handling charges and transportation expenses to take out the old items will be on account of the successful bidder.~~

14. Specification. The following Specification clause will form part of the contract placed on successful Bidder - The Seller guarantees to meet the specifications as per Part-II of RFP and to incorporate the modifications to the existing design configuration to meet the specific requirement of the Buyer Services as per modifications/requirements recommended after the Maintenance Evaluation Trials. All technical literature and drawings shall be amended as the modifications by the Seller before supply to the Buyer. The Seller, in consultation with the Buyer, may carry out technical up gradation/alterations in the design, drawings and specifications due to change in manufacturing procedures, indigenisation or obsolescence. This will, however, not in any way, adversely affect the end specifications of the equipment. Changes in technical details, drawings repair and maintenance techniques alongwith necessary tools as a result of up gradation/alterations will be provided to the Buyer free of cost within (___) days of affecting such up gradation/alterations.

15. OEM Certificate In case the Bidder is not the OEM, the agreement certificate with the OEM for sourcing the spares shall be mandatory. However, where OEMs do not exist, minor aggregates and spares can be sourced from authorized vendors subject to quality certification.

16. Export License. The Bidders are to confirm that they have requisite export license from their Government and Authorization from the manufacturing plant, in case they are not the OEM, to export the military / non-military goods to India.

17. Earliest Acceptable Year of Manufacture. Quality / Life certificate will need to be enclosed with the Bill.

18. Quality. The quality of the stores delivered according to the present Contract shall correspond to the technical conditions and standards valid for the deliveries of the same stores for in Seller's country or specifications enumerated as per RFP and shall also include therein modification to the stores suggested by the Buyer. Such modifications will be mutually agreed to. The Seller confirms that the stores to be supplied under this Contract shall be new i.e. not manufactured before (Year of Contract), and shall incorporate all the latest

improvements and modifications thereto and spares of improved and modified equipment are backward integrated and interchangeable with same equipment supplied by the Seller in the past if any. The Seller shall supply an interchangeability certificate along with the changed part numbers wherein it should be mentioned that item would provide as much life as the original item.

19. **Quality Assurance.** Seller would provide the Standard Acceptance Test Procedure (ATP) within 01 month of this date of contract. Buyer reserves the right to modify the ATP. Seller would be required to provide all test facilities at his premises for acceptance and inspection by Buyer. The details in this regard will be coordinated during the negotiation of the contract. The item should be of the latest manufacture, conforming to the current production standard and having 100% defined life at the time of delivery.

20. **Inspection Authority.** The Inspection will be carried out by the consignee. The mode of Inspection will be Departmental Inspection / User Inspection / Joint Inspection / Self-certification.

21. **Pre-Dispatch Inspection.** NA

22. **Joint Receipt Inspection.** The following Joint Receipt Inspection clause will form part of the contract placed on successful Bidder –

(a). The Parties agree that the Joint Receipt Inspection (JRI) of delivered goods shall be conducted on arrival in India at location to be nominated by the Buyer. JRI shall be completed within 120 days (for armament/ammunition)/ 90 days (for other than armament/ammunition) of arrival of good at the Port Consignee. JRI will consist of

(i) Quantitative checking to verify that the quantities of the delivered goods correspond to the quantities defined in this contract and the invoices.

(ii) Complete functional checking of the stores/equipment as per specifications in the contract and as per procedures and tests laid down by Buyer but functional checking of spares shall not be done.

(iii). Check proof and firing, if required.

(b). JRI will be carried out by the Buyer's representative(s). The Buyer will invite the Seller with a prior notice of a minimum of fifteen (15) days to attend the JRI for the delivered goods. The Seller shall have the right not to attend the JRI. The bio data of the Seller's representative will need to be communicated fifteen (15) days prior to the dispatch of goods to the Buyer for obtaining necessary security clearance in accordance with the rules applicable in the Buyer's country.

(c). Upon completion of each JRI, JRI proceedings and Acceptance Certificate will be signed by both the parties. In case the Seller's representative is not present, the JRI proceedings and Acceptance Certificate shall be signed by the Buyer's representative only and the same shall be binding on the Seller. Copy of JRI proceedings and Acceptance Certificate shall be dispatched to the Seller within 30 days of completion of the JRI. In case of deficiencies in quantity and quality or defects, details of these shall be recorded in the JRI proceedings, Acceptance Certificate shall not be issued and claims raised as per the Article on Claims in the contract. In case of claims, Acceptance Certificate shall be issued by Buyer's representative after all claims raised during JRI are settled. If the Buyer does not perform the JRI as mentioned above for reasons exclusively attributable to him, the JRI in India shall be deemed to have been performed and the stores/equipment fully accepted.

23. **Franking clause** . The following Franking clause will form part of the contract placed on successful Bidder –

(a). **Franking Clause in the case of Acceptance of Goods** "The fact that the goods have been inspected after the delivery period and passed by the Inspecting Officer will not have the effect of keeping the contract alive. The goods are being passed without prejudice to the rights of the Buyer under the terms and conditions of the contract".

(b). **Franking Clause in the case of Rejection of Goods** "The fact that the goods have been inspected after the delivery period and rejected by the Inspecting Officer will not bind the Buyer in any manner. The goods are being rejected without prejudice to the rights of the Buyer under the terms and conditions of the contract."

24. **Claims**. The following Claims clause will form part of the contract placed on successful Bidder –

(a). The claims may be presented either: (a) on quantity of the stores, where the quantity does not correspond to the quantity shown in the Packing List/Insufficiency in packing, or (b) on quality of the stores, where quality does not correspond to the quality mentioned in the contract.

(b). The quantity claims for deficiency of quantity shall be presented within 45 days of completion of JRI and acceptance of goods. The quantity claim shall be submitted to the Seller as per Form DPM-22 (Available in MoD website and can be given on request).

(c). The quality claims for defects or deficiencies in quality noticed during the JRI shall be presented within 45 days of completion of JRI and acceptance of goods. Quality claims shall be presented for defects or deficiencies in quality noticed during warranty period earliest but not later than 45 days after expiry of the guarantee period. The quality claims shall be submitted to the Seller as per Form DPM-23 (Available in MoD website and can be given on request).

(d). The description and quantity of the stores are to be furnished to the Seller along with concrete reasons for making the claims. Copies of all the justifying documents shall be enclosed to the presented claim. The Seller will settle the claims within 45 days from the date of the receipt of the claim at the Seller's office, subject to acceptance of the claim by the Seller. In case no response is received during this period the claim will be deemed to have been accepted.

(e). The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location under Seller's arrangement.

(f). Claims may also be settled by reduction of cost of goods under claim from bonds submitted by the Seller or payment of claim amount by Seller through demand draft drawn on an Indian Bank, in favour of Principal Controller/Controller of Defence Accounts concerned.

(g). The quality claims will be raised solely by the Buyer and without any certification/countersignature by the Seller's representative stationed in India.

25. **Warranty.**–

(a). The following Warranty will form part of the contract placed on the successful Bidder –

(i) Except as otherwise provided in the invitation tender, the Seller hereby declares that the goods, stores articles sold/supplied to the Buyer under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained / mentioned in contract. The Seller hereby guarantees that the said goods/stores / articles would continue to conform to the description and quality aforesaid for a period of 12 months from the date of delivery of the said goods stores/articles to the Buyer or 15 months from the date of shipment/despatch from the Seller's works whichever is earlier and that notwithstanding the fact that the Buyer may have inspected and/or approved the said goods/stores/articles, if during the aforesaid period of 12/15 months the said goods/stores/articles be discovered not to conform to the description and quality aforesaid not giving satisfactory performance or have deteriorated, and the decision of the Buyer in that behalf shall be final and binding on the Seller and the Buyer shall be entitled to call upon the Seller to rectify the goods/stores/articles or such portion thereof as is found to be defective by the Buyer within a reasonable period, or such specified period as may be allowed by the Buyer in his discretion on application made thereof by the Seller, and in such an event, the above period shall apply to the goods/stores/articles rectified from the date of rectification mentioned in warranty thereof, otherwise the Seller shall pay to the Buyer such compensation as may arise by reason of the breach of the warranty therein contained.

(iii) Guarantee that they will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be and including but without any limitation an agreed discount on the published catalogue or an agreed percentage of profit on the landed cost.

(iv) Warranty to the effect that before going out of production for the spare parts they will give adequate advance notice to the Buyer of the equipment so that the latter may undertake the balance of then lifetime requirements.

(v) Warranty to the affect that they will make available the blue prints of drawings of the spares if and when required in connection with the main equipment.

OR

(b). The following Warranty will form part of the contract placed on successful Bidder –

(i) The Seller warrants that the goods supplied under the contract conform to technical specifications prescribed and shall perform according to the said technical specifications.

(ii). The Seller warrants for a period of **12** months from the date of acceptance of stores by Joint Receipt Inspection or date of installation and commissioning, whichever is later, that the goods/stores supplied under the contract and each component used in the manufacture thereof shall be free from all types of defects/failures.

(iii) If within the period of warranty, the goods are reported by the Buyer to have failed to perform as per the specifications, the Seller shall either replace or rectify the same free of charge, within a maximum period of 45 days of notification of such defect received by the Seller, provided that the goods are used and maintained by the Buyer as per instructions contained in the Operating Manual. Warranty of the equipment would be extended by such duration of downtime. Record of the down time would be maintained by the user in the logbook. Spares required for warranty repairs shall be provided free of cost by the Seller. The Seller also undertakes to diagnose, test, adjust, calibrate and repair/ replace the goods/equipment arising due to accidents by neglect or misuse by the operator or damage due to transportation of the goods during the warranty period, at the cost mutually agreed to between the Buyer and the Seller.

(iv) The Seller also warrants that necessary service and repair back up during the warranty period of the equipment shall be provided by the Seller and he will ensure that the downtime is within 10 % of the warranty period.

(v) The Seller shall associate technical personnel of the Maintenance agency and Quality Assurance Agency of the Buyer during warranty repair and shall also provide the details of complete defects, reasons and remedial actions for defects.

(vi). If a particular equipment/goods fails frequently and/or, the cumulative down time exceeds 10 % of the warranty period, the complete equipment shall be replaced free of cost by the Seller within a stipulated period of 30 days of receipt of the notification from the Buyer. Warranty of the replaced equipment would start from the date of acceptance after Joint Receipt Inspection by the Buyer/date of installation and commissioning.

(vii). In case the complete delivery of Engineering Support Package is delayed beyond the period stipulated in this contract, the Seller undertakes that the warranty period for the goods/stores shall be extended to that extent.

26. **Product Support**

The following ~~Product Support clause will form part of the contract placed on successful Bidder—~~

~~(a) The Seller agrees to provide Product Support in India for the stores, assemblies/ subassemblies, fitment items and consumables, Special Maintenance Tools(SMT)/Special Test Equipments (STE) subcontracted from other agencies/ manufacturer by the Seller for a minimum period of **10 years excluding 01 year of warranty period** after the delivery of **items**.~~

~~(a) Blank (b) Blank (c) Blank (d) Blank~~

Part V – Evaluation Criteria & Price Bid issues

1. **Evaluation Criteria.** The broad guidelines for evaluation of Bids will be as follows:

(a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP, both technically and commercially.

~~(b). In respect of Two Bid system, the technical Bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical characteristics of the equipment as mentioned in the RFP. The compliance of Technical Bids would be determined on the basis of the parameters specified in the RFP. The Price Bids of only~~

~~those Bidders will be opened whose Technical Bids would clear the technical evaluation.~~

(c). The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder as per the Price Format given at Para 2 below. The consideration of taxes and duties in evaluation process will be as follows:

(i) In cases where only Indian Bidders are competing, L-1 bidder will be determined by excluding levies, taxes and duties levied by Central/State/Local governments such as excise duty, GST, Service tax, etc on final product, as quoted by bidders.

(ii) In cases where both foreign and indigenous Bidders are competing, following criteria would be followed –

(1). In case of foreign Bidders, the basic cost (CIF) quoted by them would be the basis for the purpose of comparison of various tenders.

(2). In case of indigenous Bidders, excise duty on fully formed equipment would be offloaded.

(3). Sales tax and other local levies would be ignored in case of indigenous Bidders.

(d). In import cases, all the foreign quotes will be brought to a common denomination in Indian Rupees by adopting the exchange rate as BC Selling rate of the State Bank of India on the date of the opening of Price Bids.

(e). If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.


(f) The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the Buyer. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items. The Buyer also reserves the right to do Apportionment of Quantity, if it is convinced that Lowest Bidder is not in a position to supply full quantity in stipulated time.

2. **Price Bid Format:-** The Price Bid Format is given below and Bidders are required to fill this up correctly with full details (**where ever applicable**). This format should be filled up with item/requirements as mentioned in part-II of RFP:-

(a) Item (s)	Unit price	Qty	Total
(i) Item			
Total price of items			
(b) Accessories			
(c) Blank			
(d) Blank			
(e) Technical Literature			
(f) Tools			
(g) Blank			
(h) Blank			
(j) Any other items			

3. **Additional information in price bid on Taxes and Duties**

- (a) Is Excise Duty extra?
- (b) If yes, mention the following –
- (i) Total value of items on which Excise Duty is leviable:
 - (ii) Rate of Excise duty (item-wise if different ED is applicable):
 - (iii) Surcharge on Excise duty, if applicable?
 - (iv) Total value of excise duty payable:
- (c) Is Excise Duty Exemption (EDE) required:
- (d) If yes, then mention and enclose the following:
- (i) Excise notification number under which EDE can be given:
- (e) Is VAT/GST extra?
- (f) If yes, then mention the following:
- (i) Total value on which VAT/GST is leviable:
 - (ii) Rate of VAT/GST:
 - (iii) Total value of VAT/GST leviable:
- (g) Is Service Tax extra? NA
- (h) If yes, then mention the following: NA
- (i) Total value of Services on which Service Tax is leviable:
 - (ii) Rate of Service Tax leviable:
 - (iii) Total value of Service Tax leviable:
- (j) is Custom Duty Exemption (CDE) required:
- (k) If yes, then mention the following:
- (i) Custom notification number under which CDE can be given
(Enclose a copy)
 - (ii) CIF value of stores to be imported:
 - (iii) Rate of Customs Duty payable:
 - (iv) Total amount of Customs Duty payable:
- (l) Any other Taxes / Duties / Overheads / Other costs: (v)
- Grand Total:


 (Jyotsna Chauhan)
 Dy Commandant
 Officer-in-Charge (LP Cell)
 for Commander
 Coast Guard Region (NW)

**TECHNICAL SPECIFICATION OF CENTRIFUGAL SEPARATOR (FUEL OIL PURIFIER)
FOR ACVs AT HOVER PORT OKHA & JAKHAU**

Clause Ref	Technical Specifications
1	DESCRIPTION
1.1	Fuel oil purifier (for separation system) for cleaning and purifying fuel oils in marine applications to handle distillate fuels BS IV & VI.
1.2	Sludge retaining solid Bowl type suitable for marine duty applications.
1.3	Alongwith all necessary equipment, auxiliaries, electric motors, control panels, alarms, instrumentations, anti-vibration mounts, tools, valves and fittings.
1.4	Capacity of 4000 litres per hour at 6-50 deg C separation temperature for BS-IV high volatile diesel and as per the technical specifications and scope of supply given in this document.
2	Qty-02 Nos
3	OPERATING CONDITIONS:
3.1	Tropical Condition
	Ambient temperature- Max 50deg C.
	Seawater temperature- Max. 32 deg C.
	Atmospheric pressure- 750 mm of Hg.
	Relative Humidity-Max 90%at 35 deg C.
4	MATERIAL
	Material used in the manufacture and fabrication should be of highest marine quality.
5	Fuel oil Tanks
5.1	The purifier should be able to draw untreated fuel from the fuel oil storage tanks(depth/suction head-04- mtrs) and transfer purified fuel oil to the fuel oil ready use tanks in normal operation.
5.2	Capacity of the fuel oil purifier should be 4000 LPH at 6-50 deg C separation temperature. The system should be suitable for continuous 23 hours operation in a day considering about 1 hour timing lost in stopping the system.
6	TECHNICAL SPECIFICATION OF FUEL OIL PURIFIER
6.1	The fuel oil purifier(separation system) should be designed for cleaning and purifying marine diesel oil and distillate fuel oils for marine duty operations. System should comprise of following:-
	A separator
	All necessary equipments and auxiliaries including a control unit.
	Operational equipment such as built on feed pump, control unit and valve, piping, fittings and instruments,base frame (details are given separately in the scope of supply) to be supplied.
6.2	The system should be with a controlled solid bowl type separator. In order to minimise the losses of oil due to water seal break down, auto shut down should be provided. The fuel oil purifier should be such that fuel oil should not escape at the water outlet.
6.3	Control unit should control the separation process. The control unit should have indicating lamps and alarm indications.
6.4	Since built-on feed pump is provided, the motor of separator and feed pump will be same and is suitable for 415+/-6 Volts, 50+/-3 Hz, 3 phase AC electric power supply. 3 phase dual starter Motors and starters should confirm to general electrical specification.
6.5	Fuel oil purifier should consist of following:-
6.5.1	Separator- to clean the fuel oil by removing water and solid particles.

6.5.2	Free water removal: 500 PPM(0.05% V/V) from initial of 15000 PPM(1.5% V/V) in single phase
6.5.3	Solid particle removal: heavier solid particles of size 5 micron.
6.6	Water drain system:-
	Water drain tank of suitable capacity to be provided which should have high level monitoring to avoid oil losses.
6.7	Fuel oil system
6.7.1	'Y' type pre strainer of 12 mesh size in the suction line to remove larger solid particles from the fuel oil and to protect the feed pump from coarse particles should be provided.
6.7.2	Built-on feed pump with by-pass connection to feed the dirty fuel oil to centrifuge at constant flow rate to the separator should be provided. A pressure gauge with isolation needle valves should be fitted on each side of the feed pump. Also a ball valve on the suction line of feed pump and non-return valve on the discharge side of feed pump should be provided.
6.7.3	Pressure gauge to display the pressure in the fuel oil outlet, manually controlled regulating valve to regulate the cleaned oil back pressure and non return valve to stop reverse oil flow should be provided on the fuel oil purifier assembly.
6.5.3.4	Suitable piping should be provided on all the fuel oil ports of the fuel oil purifier.
6.5.3.5	Fuel oil purifier shall achieve the following degrees of filtration efficiency:- Particulate size:- AS PER ISO 8217 STANDARDS
6.6	Control unit for the fuel oil purifier should comprise all necessary output functions for monitoring and alarm. Control unit for each fuel oil purifier should be located within the separation system for automatic control of the separation process.
6.7	The complete set with motors, feed pump, separator, controls, instruments, hooter, starter, sludge tank, sludge pump, control unit should be mounted on a common base frame. The equipment should be provided with anti vibration mounts and holding down bolts for installing on ship building seating.
6.8	The indicating lamps should be clearly accessible by unscrewing the bulbs eye from the front. Fuses should be clearly marked.
6.9	The items should be of robust construction so as to withstand adverse marine conditions. Similar parts should be interchangeable. The casting should be free from blowholes.
6.10	Alarms:
	The alarm system should be designed to ensure that the separation system always remains in a safe state. Following alarm functions should be indicated on the control panel of each purifier:- (a) Motor Overload (b) Liquid seal broken
7	Fuel oil system
	Following items/ equipments should be supplied by the firm.
7.1.1	One number built-on feed pump of adequate capacity provided along with electric motor and having a constant flow to feed unprocessed oil to the separator should be provided.
	- Capacity of the pump- to be indicated in LPH
	- Suction head-4MWC
	- Discharge head -1 bar
	Electric motor rating- to be indicated by the firm.
7.1.2	One number ball valve having flanges on the suction piping of the feed pump.
7.1.3	One no strainer of the suction piping to remove larger solid particles from the fuel oil and to protect the pump from coarse particles should be provided.
7.1.4	One no pressure gauge (Dial dia 100 mm), along with needle valve for gauge isolation on the suction piping of the feed pump.
7.1.5	One no pressure gauge (Dial dia. 100 mm) along with needle valve for gauge isolation on the discharge piping of the feed pump.

7.1.6	One no temperature gauge, rigid stem type (Dial dia. 100 mm, Range: 0-120 deg C) on the discharge piping of the feed.
7.1.7	One no sampling valve on the discharge piping of feed pump.
7.1.8	One no flow sight glass on suction piping.
7.1.9	One no pressure gauge along with needle valve (for isolation of pressure gauge) and mating end connector on the treated fuel oil piping from the separator.
7.1.14	One no regulating valve on the treated fuel oil piping from separator.
7.1.15	One no sampling valve on the treated fuel oil piping from separator.
7.1.16	One no flow glass on treated fuel oil discharge piping from the separator.
7.1.17	One no SDNR valve on the separator discharge line.
7.1.18	The entire fuel oil piping will be inbuilt on the purifier unit and will be in the scope of supply of purifier supplier. The CG responsibility will be to connect feed pump suction and cleaned oil/ re-circulation oil outlet. All necessary reducers / diffusers not stated above in the scope of supply, but required to changes in connection sizes of various inbuilt items on the purifiers will be under the scope of supply of purifier supplier. All the pressure gauges, temperature gauges, pressure switches, temperature switches, sampling valves as stated above should be built-in on the purifier unit itself. Necessary bosses and mating end connectors for fitment of these gauges and switches should be in the scope of supply of purifier supplier.
7.3	One no combined starter panel for separator and feed pump with all necessary controls and status functions. Control panel material to be light weight (powder coating material).
7.4	All foundation bolts, nuts and washers to be supplied by firm. Foundation details to be indicated in the offer.
8	Instruction plate
	Start/ Stop & instruction plate in English engraved on 3 mm thick S.S plate to be supplied. All letters to be of 5mm size. After engraving the letters should be fitted with black paint.
9	Tools
	One set of standard and special tools adequate for undertaking maintenance at site should be supplied along with the equipment.
10	Documents
10.1	Firm should forward following details:- 1. Spare part list with details of individual spares like drawing, weight, size etc. in MS Excel format. 2. Maintenance schedule giving details of tasks to be performed during equipment servicing in MS Excel format alongwith spares and tool requirement. 3. Trouble shooting of equipment. The above data should be submitted alongwith the equipment.
10.2	Binding drawing:
	The information as detailed below should be forwarded within four weeks from placement of LOI/ purchase order.
10.2.1	Two set per unit of binding drawings as given be forwarded to HMU Okha and ICGS Jakhau.
-	General arrangement / plot plan drawing of fuel oil purifier, control panel, feed pump in three views indicating overall dimensions, centre of gravity, weight, maintenance space, lifting hook positions.
-	Flow diagram showing pipe sizes and giving the battery limits.
-	Bill of material / part list drawing giving specification and details of items.
-	Wiring diagram of control panel details.
-	Foundation/ bolting details including anti vibration mounts.
-	General arrangements of control panel/ starter showing details of components.
-	General arrangement and details of various controls.

10.3	Manuals per Hover Port
10.3.1	02 nos installation, operation and maintenance manuals should be supplied for main equipment, auxiliary equipment and systems.
10.3.2	02 nos CPL/ PIL should be supplied.
10.3.3	02 nos installation specification should be supplied.
10.3.4	02 nos maintenance schedule should be supplied.
10.3.5	02 sets of CDs of the above manuals to be supplied along with the equipment in PDF file.
10.3.6	Original printed manuals to be supplied, photocopies will not be accepted.
11	INSPECTION
11.1	The complete equipment should be manufactured to the highest quality meeting manufacturers marine quality standards.
11.2	04 copies of inspection survey certificates for each Hover port to be supplied along with the equipment for inspection carried out by officials in factory.
11.3	04 copies of manufacture test certificates for each Hover port to be supplied along with the equipment for inspection carried out at site by unit officials.
11.4	04 copies of manufacturers guarantee certificates for each Hover port to be supplied along with the equipment.
12	TEST AND TRIAL
	The performance requirement of the equipment is to be confirmed during shop test at manufacturers work as well as at hoverport.
12.1	INSTALLATIONS AND TRIALS
-	Test and trials of the equipment and its accessories/ system as required by owner should be carried out after installing at Hoverport (Okha & Jakhau) . This test should broadly cover:-
-	Installation and checks
-	Checks for performance requirements.
-	Measurements of various parameters
-	Functional checks.
12.2	SERVICE ENGINEER:
-	Commissioning assistance: The scope of firm's supply should include installation and commissioning by a firm's service engineer, limited to a maximum of 04 consecutive working days in two visits for each hoverport.

NOTE: NO ADDITIONAL FINANCIAL IMPLICATIONS WILL BE APPLICABLE FOR CLAUSE REFERENCE 12, 12.1 & 12.2 OF SQR.