



केन्द्रीय समुद्री मात्स्यिकी अनुसंधान संस्थान
केन्द्रीय समुद्री मात्स्यिकी अनुसंधान संस्थान का वेरावल क्षेत्रीय अवस्थान
(भारतीय कृषि अनुसंधान परिषद)
पोस्ट बॉक्स सं १७, मत्स्य भवन, भीडीया, वेरावल- ३६२ २६९, गुजरात, भारत
CENTRAL MARINE FISHERIES RESEARCH INSTITUTE
VERAVAL REGIONAL STATION OF CMFRI
(Indian Council of Agricultural Research, Govt. Of India)
P.B.No.17, Matsya Bhavan, Bhidiya, Veraval – 362 269, Gujarat, India.



F.No.2-67/2024/VRL/

Dated :24.01.2025

Work contract for refurbishing marine laboratory area, supply and installation of customized marine re-circulatory aquaculture systems (RAS) along with its basement, waterlines to overhead seawater storage tank and allied fixtures & accessories at Veraval regional station.

The Central Marine Fisheries Research Institute invites **E-tender through e-procurement** from specialized firms/ contractors / domain specific professionals having required infrastructure and software with adequate experience and financial capability for the work contract **to refurbishing marine laboratory area, supply and installation of customized marine re-circulatory aquaculture systems (RAS) along with its basement, waterlines to overhead seawater storage tank and allied fixtures & accessories at Veraval regional station.**

The details of the Scope of the material supply/ work, schedule of requirement and special terms and conditions of the contract are given in the enclosed Annexure.

1. Details of the Tender are given below:-

1.	Tender Number	F.No. 2-67/2024/VRL/
2	Publishing date	<u>24th January 2025 at 14:45 PM</u>
3	Bid submission end date	<u>13th February 2025 at 15:00 PM</u>
4	Date, Time and Venue of Opening of Bid	<u>14th February 2025 at 16.00 PM at Veraval Regional Station of ICAR, CMFRI, Bhidiya, Veraval.</u>
5	Description of wok	Contract to refurbishing marine laboratory area, supply and installation of customized marine re-circulatory aquaculture systems (RAS) along with its basement, waterlines to overhead seawater storage tank and allied fixtures & accessories at Veraval regional station.
6	Type of Tender	Two Bid System
7	Bid Validity	60 days from the date of Technical Bid opening
8	EMD	Rs.94,000/- in the Form of Demand Draft /BC in favour of ICAR UNIT CMFRI payable at Kochi
9	Performance security	5 % of the total contract value
10	Validity of SD/PB	90 days after expiry of the contract
11	Contract duration	Completed work need to be submitted within 30 days after awarding the work order.
12	Submission of Bids	The Bid may be uploaded from <u>23rd January to 12th February 2025</u> online to the E-procurement poral before the closing date and time positively.

2. Scope of the proposed work and other requirements connected to the contract, including the formats of the bids, terms and conditions of the contract etc. are enclosed to this Tender Invitation, as per the following details: -

1.	Schedule of work and scope including layout of laboratory	Annexure I,
2.	Instruction to Bidders	Annexure II
3.	Terms and Conditions of the Contract	Annexure III
4.	Technical Bid	Annexure IV
5.	Essentiality Certificate by Bidder	Annexure V
6.	Documents to be uploaded with the bids	Annexure VI

3. The Original EMD must be reached to the Scientist-in-Charge, Veraval Regional Station of CMFRI, Matsya Bhavan, Bhidiya, Veraval before the last date of submission of tenders. Special instruction to the contractors/Bidders for the submission of the bids is enclosed with the tender Document. Exemption of EMD as per the existing Govt. of India provisions for specific firms such as MSME / Start-up India exemptions and similar to be provided with valid certificate for their claims.
4. For any clarification/Amendment etc. with reference to above will be intimated by corrigendum through our website www.cmfri.org.in. Therefore, bidder is advised to visit website regularly for further information. Individual items should be applied separately.



Principal Investigator
Veraval Regional Centre of CMFRI,
MatsyaBhavan, Bhidiya, Veraval

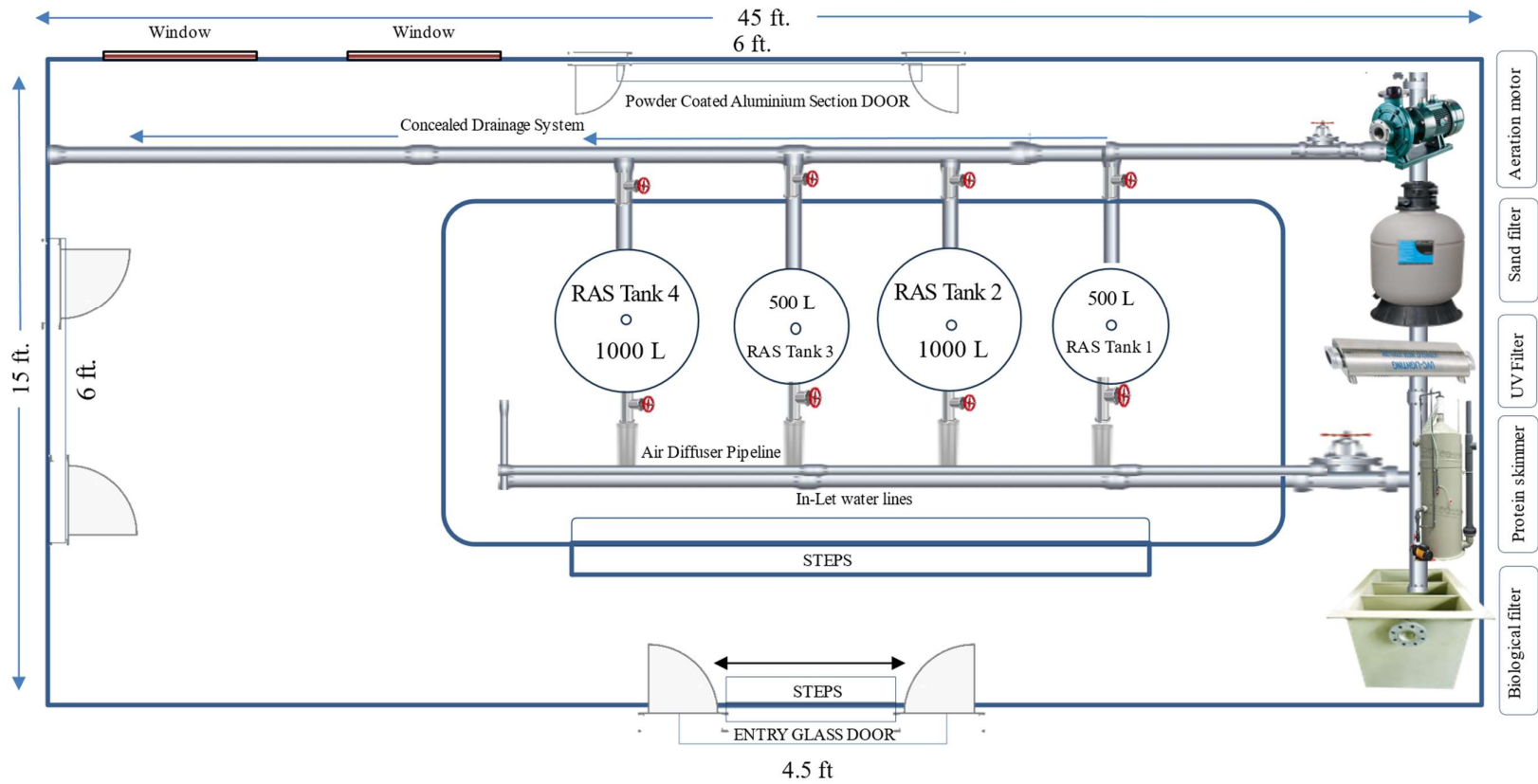
SCHEDULE OF WORK AND SCOPE

SCHEDULE REQUIREMENTS, SUPPLY, INSTALLATION, REFURBISHMENT OF MARINE RECIRCULATORY AQUACULTURE SYSTEM (RAS) AND MARINE WETLAB FACILITY AREA WITH ALLIED FIXTURES & ACCESSORIES

Particulars and specifications	Detailed Terms, Conditions and Reference
A). Customized FRP/other superior and advantages material tanks for Mini Recirculatory Aquaculture System (RAS) development (2 No's 1000 litre capacity and 2 No's 500 litre capacity along with PVC inlet, outlet, and overhead tank pipelines.	<ol style="list-style-type: none">1. Tanks must be made of high-quality, durable FRP material resistant to corrosion and wear.2. Tanks (2 x 1000 litres, 2 x 500 litres) must have proper inlet and outlet pipelines designed to drain a total of 4000-5000 litres of water within 15-20 minutes.3. Inlet and outlet systems must ensure smooth and efficient flow with no blockages, adhering to aquaculture industry standards.4. Proper grip tiling with skid-proof surfaces must be installed to ensure safety during operation and maintenance.5. Brick construction for base support must be provided with an underground drainage system, including inflow and outflow controls.
B). Construction, fabrication, and installation of Mini Recirculatory Aquaculture System (RAS), its development including additional components required for finfish and shellfish seed rearing along with, renovation	<ol style="list-style-type: none">1. Construction must integrate proper internal ducts with smooth surfaces to prevent residue buildup and ensure water circulation efficiency.2. The base construction must include brickwork with reinforced stability to support tank weight and operations.3. Renovation must include installing grip tiling for all work areas, ensuring skid-proof and durable surfaces.4. All components should be seamlessly integrated into the system for optimal functionality.
C). Customization and integration of biological filter (1 No.), UV water filter (1 No.), Sand filter (1 No.) Protein Skimmer (1 No.) for Mini RAS	<ol style="list-style-type: none">1. Filters must be industrial-grade and have an integrated wall-tiled surface for ease of cleaning and maintenance.2. All filters must have the capacity to process a minimum of 5 tonnes of water efficiently, ensuring optimal water quality for aquaculture operations.3. The biological filter must effectively manage ammonia and nitrite levels, suitable for the tank sizes.4. UV and sand filters should be compatible with the flow rate required for optimal RAS performance.5. The protein skimmer must have high efficiency in removing organic waste and be easy to maintain.

<p>D. Customized aeration system development for Mini RAS, stones, aeration tubes, and other allied fixtures and accessories</p>	<ol style="list-style-type: none"> 1. Aeration systems must provide consistent and uniform oxygenation across all tanks for finfish and shellfish rearing. 2. High-efficiency air pumps with energy-saving features must be installed. 3. Aeration stones and tubes must be resistant to wear, corrosion, and algae buildup, ensuring long-term usability. 4. The aeration system must include adjustable controls for precise oxygen levels tailored to tank requirements. 5. All associated accessories, including clamps, connectors, and fittings, must meet safety and quality standards.
<p>E. Overall Terms and Conditions for the Recirculatory Aquaculture System (RAS) Setup</p>	<ol style="list-style-type: none"> 1. As the marine laboratory is old, walls that are weak or damaged must be refurbished with appropriate construction materials, including plastering and finishing to restore structural integrity. 2. All exposed water pipelines must be concealed underground to maintain the aesthetic and functional integrity of the facility. Where necessary, pipelines should be securely anchored and protected against damage. 3. Wall tiles should be installed in areas where equipment will be placed to ensure durability and ease of cleaning. 4. The ceiling must be refurbished, with necessary leak-proofing and anti-corrosion coating applied to prevent water ingress and ensure structural integrity. 5. Skid-proof grip tiles must be installed on the flooring for safety and functionality. 6. Proper illumination must be provided, with energy-efficient and aquaculture-specific lighting fixtures installed. 7. Electrical fittings, outlets, and lights must be refurbished or newly installed to meet operational needs, including safety features like waterproof outlets and overload protection. 8. The entry door must be glass, while all other doors and windows must have aluminium frames with glass panels for durability and ventilation.

LAYOUT OF MARINE LABORATORY RECIRCULATORY AQUACULTURE SYSTEM (RAS) AND INSTALLATION OF INTEGRATED FIXTURES AND ACCESSORIES ALONG WITH REFURBISHING THE LAYOUT AREA



INSTRUCTION FOR BIDDERS

1. The tender is in Two Bid System. These bids are to be uploaded to online modes only.
2. Tenders are required to be submitted with Earnest Money deposit (EMD) amounting to **Rs. 94,000/-** the EMD must be deposited in off line with the Scientist-in-Charge, Veraval Regional Station of ICAR-CMFRI, Matsya Bhavan, Bhidiya, Veraval well before closing date & time for submission of bids, in the form of a demand Draft drawn in favour of ICAR UNIT CMFRI payable at Kochi from any of the scheduled commercial Bank, failing which the bid is liable to be rejected. No conditional bid will be accepted. The EMD will be refunded to the unsuccessful bidders as soon as practicable after a decision has been taken on the Tender and to the successful bidders after furnishing the required security deposit for the contract.
3. The tender must be upload to online portal only and shall be accompanied with all other necessary documents. **The final quote to refurbishing marine laboratory area, supply and installation of customized marine re-circulatory aquaculture systems (RAS) along with its basement, waterlines to overhead seawater storage tank and allied fixtures & accessories at Veraval regional station. All costs must be included in a single, comprehensive price.** The consolidated final amount to be charged has to be indicated in India Rupees both in words and figures in the prescribed proforma of Bill of Quantity (BOQ) and there shall be no correction or overtyping etc. The offers with any corrections/deviation in prices either in words/figures shall be summarily ignored. The conditional offer (S) shall, in no case, be accepted.
4. The work shall normally be awarded to a single firm whose consolidated bid value is lowest meeting all scopes of work and fulfilling all the term and conditions of the tender. Technical bid will be given first preference for evaluation. The Finance Bid will be opened only for those bidders who will be technically qualified in technical bid. The CMFRI reserves the right to reject all or any of the quotations, and decision Director, CMFRI in the matter shall be final/binding. The quotations lower than the existing statutory minimum wages as per Central Govt. rate or State Govt. rate whichever is higher for the corresponding categories shall be summarily rejected.
5. The successful bidder shall have to deposit 5% of the total bid amount (quoted for full period) as performance security and within the time frame indicated by the CMFRI. Exemptions for SMEs and startups will be as per the stipulated guidelines by the Govt. of India.
6. No interest on Performance security and Earnest Money deposits shall be paid by the CMFRI to the tenderer.
7. The firm is being permitted to give tenders in consideration of the stipulations on his part that after submitting his tenders, he will not resile from his offer or modify the terms and

conditions thereof. If the tenderer fails to observe and comply with the forgoing stipulation the aforesaid amount of EMD will be forfeited by the Institute. In the event of the offer made by the tenderer not being accepted, the amount of earnest money deposited by the tenderer will be refunded to him after he has applied for the same.

8. The performance Security shall be valid till all contractual obligations are fulfilled by the firm. The same shall stand forfeited in case of cancellation of the contract for any breach of contract or for any deficiency in the performance noticed during the currency of the contract.
9. The tenderer is liable to be ignored if complete information as required is not given therein or if the particulars asked for in the schedules to the tenders is not fully filled in. Individual signing the tenders or other documents connected with the contract may specify whether he signs it in the capacity of (i) a sole proprietor of the Firm or constituted attorney of such sole proprietor, or (ii) a partner of the firm if it be partnership in which case he must have authority to refer to arbitration dispute concerning the business of the partnership whether by virtue of the partnership agreement of power of attorney or (iii) constituted attorney of the firm if it is a company.
10. In case of Partnership firms, where no authority has been given to any partner to execute the contract/agreement concerning the business of the Partnership, the tenders and all other related documents must be signed by every partner of the Firm. A person signing the tenders form or any other documents forming part of the contract on behalf of another shall be deemed to warranty that he has Authority to bind such other and if, on enquiry it appears that the person so signing had no authority to do so, the Institute shall without prejudice to other Civil and Criminal remedies cancel the contract and hold the signatory liable for all costs and damages. Each page of the tender and schedules to the tenderer and annexure, if any, signed by the tenderer.
11. Acceptance by the CMFRI will be communicated by fax/Telegram, letter or any other form of communication, Formal letter of the acceptance and work order of the Tenders will be forwarded as soon as possible, but the earlier instruction in the FAX/Telegram/Letter etc. should be acted upon immediately.



Principal Investigator,
Veraval Regional Centre of CMFRI,
MatsyaBhavan, Bhidiya, Veraval

TERMS AND CONDITIONS OF THE CONTRACT

(I). Terms of Reference (ToR) and conditions for material supply/work execution:

1. The scope of work involves intellectual properties (IP). Hence, IP generated (directly or indirectly or pre-existing IP under improvement) during the project and after the contract, including inventions, designs, or other works, shall be purely owned by the ICAR-CMFRI. The IP sharing policy strictly subjected to council's guidelines. There will not be any claim in any manner will be accorded to the suppliers/executer of the work.
2. The supplier shall treat all intellectual property, including existing under implementation and/or new, as confidential information and shall not disclose it to any third parties. To maintain the confidentiality of the technical work of the task, the contractor is solely responsible for all the staff deployed.
3. In case any shortcomings or deficiencies are noticed during the currency of contract period or any other contractual dispute, the contract can be terminated giving by a fortnights' notice. The decision of Director, CMFRI in this regard shall be final/ binding. The contract may be extended for another one year on the subject to satisfactory performance of the firm on same rate, terms and condition.
4. If the contract is terminated on the grounds of glaring shortcomings or deficiencies during the currency of its tenure including extended tenure, if any, the CMFRI shall have all rights to make suitable alternative arrangements for a period of 21 days from the date of such termination or till a new tender is finalized whichever is earlier and the difference in cost, if any, will be borne by the agency/contractor.
5. That no right, much less a legal right shall vest in the contractor workers to claim/have employment or otherwise seek absorption in the CMFRI nor the contractor workers shall have any right whatsoever to claim the benefits and /or emoluments that may be permissible to paid the employees of the CMFRI. The worker will remain the employees of the Agency/contractors and will be the solely responsibility of the Agency. Therefore, there is no master and servant relationship between the employees of the service provider and the CMFRI and further that the said personnel of the service provider shall not claim for any employment or absorption in the CMFRI by virtue of their engagement for this work.
6. The service provider's personnel shall not claim any benefit/ compensation/ regularization/ absorption of services form the CMFRI under the provision of Industrial Disputes Act, 1947 or Contract Labour (Regulation & Abolition) Act, 1970 etc. Undertaking from the persons to this effect shall be required to be submitted by the service provider to CMFRI.

7. The Service provider's personnel shall not divulge or disclose to any person any details of office, operation process, technical know-how, security arrangements administrative and organizational matters as all of these are confidential in nature. The contractor shall ensure that none of the employees of the Agency/Contractor shall enter into any kind of private work at the Different Rooms of the CMFRI.
8. **The contractor must have their base of operations located less than 100-kilometer radius of our ICAR-CMFRI, Veraval office.**
9. **Preference will be given to experienced firms/companies for the said tender.**
10. Notwithstanding any condition/ term above and/ or final decision reserved with the institute.

(II). Terms of Reference (ToR) and conditions for financial quote by the bidder.

In view of the sensitivity of the tendered material supply/work, the following terms and conditions were given below for better understanding the scope of work and costs for the following has to be included along with the final price quoting in RBQ.

1. The agency has to abide by all rules and regulations pertaining to labour act. The contractor has to take all necessary steps for the welfare measures of labour employed by him at the site.
2. The agency will be fully responsible for providing medical facilities to their labourers in case of any accident etc. Matters related to labour welfare/problems should be dealt by the contractor only. CMFRI, shall not be responsible in such matters,
3. Before quoting for the tender, it is requested to kindly go through the quotation document thoroughly and abide by all the terms and conditions given.
4. Before quoting the rates, the site may be inspected.
5. Rates quoted must be given in the prescribed format in BOQ only and GST applicable may also be shown.
6. The tenders/bidders in their own interest are instructed to visit the site for understanding the site conditions, nature of work involved etc.
7. Legal jurisdiction for all disputes shall be within the purview of Ernakulam.
8. The work should be completed within 30 days from the 7th day of award of work. If it is not completed in the scheduled time a penalty 0.25% from the total cost of work shall be imposed at the first week. Further delay will attract increase in the penalty up to a maximum of 2% for every week on leftover works/supplies of the costs if there is no reasonable reason satisfied by the PI & Chairman of DST Hub/ competent authority.
9. No labour of the contractor will be allowed to stay within the campus/site of the work.
10. Dismantled items or any debris are to be removed from the site of your cost.
11. The work shall be carried out strictly according to the directions of the PI & Chairman DST STI Hub.

12. The decision of the Competent Authority shall be the final to select the competent firms/contractors.
13. Please not in case of closing/opening day of the tender happen to be non- working day due to bandh/strike/holiday etc., the tender will be opened on the following working day.
14. The contract can be terminated at any time without assigning any reason.
15. The Institute will not supply any tools, equipment, materials. The contractor has to make their own arrangement.
16. Works are to be executed strictly as per the specifications mentioned in the tender document, falling which, payment will not be made. Works may be carried out without causing any damages to Government property. Such damages, if any needs to be compensated by the Contractor.
17. The party should remove the wastes without disturbance to public from the site at your cost. Any dispute arising will be settled only on contractors' responsibility.
18. The Director, CMFRI reserve the right to accept or reject any tender/all tenders without specifying any reason whatsoever. No correspondence shall be entertained in this regard. The decision of the Director shall be final and binding on all concerned in such matters.
19. Payment will be made after satisfactory completion of work. No part payment advance payment will be made.
20. Mandatory tax will be deducted at source from the bill as per rules.
21. This ensures that all aspects of the installation, from equipment to labor and safety and security, are thoroughly planned and covered under the final, all-inclusive quote.
22. The tendering authority will be the final binding authority on all aspects of the tender process.



Principal Investigator,
Veraval Regional Centre of CMFRI,
MatsyaBhavan, Bhidiya, Veraval

Technical BID

Refer: Annexure-I & Annexure-I (a) for complete details

NOTE:

ALL NECESSARY DOCUMENTS IN SUPPORT OF THE DETAILS FOR THE WORK CONTRACT MUST ACCOMPANY THAT TECHNICAL BID. THE BID IS LIABLE TO BE REJECTED IN CASE DOCUMENTS ARE NOT SUBMITTED IN THE TECHNICAL BID. DOCUMENTS ARE IN COMPLETE IN CASE ANY CERTIFICATION/REGISTRATION HAS ALREADY EXPIRED BUT IS YET TO BE RENEWED. ONLY ESSENTIAL AND NECESSARY VALID DOCUMENTS ARE TO BE ATTACHED WITH THE TECHNICAL BID. PLEASE AVOID ENCLSOING OF EXTRANEIOUS AND IRRELEVANT DOCUMENTS WHICH UNNECESSARY CAUSES CONFUSION WHICH MAY RESULTS IN DISQUALIFICATION OF THE BID IN SHEER CONFUSION.

(Essential certificate given by the bidder as a part of Technical Bid)

To

The Director,
CMFRI, Kochi – 18.

It is confirmed that I/We have fully understood the scope of work and all other requirements for the Work contract for **refurbishing marine laboratory area, supply and installation of customized marine recirculatory aquaculture systems (RAS) along with its basement, waterlines to overhead seawater storage tank and allied fixtures & accessories** at Veraval regional station. as per the prescribed specifications and supply conditions for CMFRI Veraval Regional station.

For detail understanding the scope of work.

1. I/We hereby agree to the terms and conditions of the contract as detailed in the tender document.
2. We undertake that the documents enclosed herewith are genuine and no material/facts have been concealed or suppressed.
3. We are not blacklisted by any Government organization.
4. We also understand that the contract is liable to be cancelled if found to be obtained through fraudulent means or by concealment of information/facts.

This offer is made to be valid for acceptance by CMFRI within 90 days from the date of opening of the Bid.

Date:

Signature & seal of the Tenderer

Stamp/Seal of the Firm

Annexure – VI

Documents to be uploaded with the bids

Sl. No.	Documents	File format
1	Profile on letter head	PDF Format
2	PAN and/ or GST registration, if applicable	PDF Format
3	ITR/ Turnover of last 3 year	PDF Format
4	Experience if any	PDF Format
5	BoQ	Xls format
6	Other registration if any	PDF Format
7	Address proof of the firm / company if not available in above documents	PDF Format