CIBA
भाकृअनुप – केन्द्रीय खारा जलजीव पालन अनुसंधान संस्थान
ICAR - CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE ISO 9001:2015 CERTIFIED https://ciba.icar.gov.in
भाकृअनुप ICAR
(Indian Council of Agricultural Research, Govt. of India) 75, Santhome High Road, RA Puram, MRC Nagar, Chennai - 600028, Tamil Nadu, India

F.No.:9-22/24-25/ST **Date: 22.01.2025**

NOTICE INVITING e-TENDERS

(NATIONAL COMPETITIVE BIDDING)

Online bids are invited on single stage two bid systems for the work of "Supply & Installation of FRP Tanks with various capacity at KES of CIBA" with the General terms & conditions and specifications mentioned in the Annexure II & III respectively. (Evaluation of bid will be made without taking GST).

Tender documents may be downloaded from CIBA web site https://ciba.icar.gov.in (for reference only) and CPPP site https://eprocure.gov.in/eprocure/app as per the schedule as given in CRITICAL DATE SHEET as under.

CRITICAL DATE SHEET:

Published Date	**23th Jan 2025 (09.00 AM)**
Bid Document Download / Sale Start Date	**23th Jan 2025 (09.00 AM)**
Bid Submission Start Date	**23th Jan 2025 (09.00 AM)**
Bid Clarification Start Date	**23th Jan 2025 (09.00 AM)**
Bid Clarification End Date	**2th Feb 2025 (03.00 PM)**
Bid Submission End Date	**2th Feb 2025 (03.00 PM)**
Bid Opening Date	**3th Feb 2025 (03.00 PM)**

Working Site:

ICAR-CIBA Kovalam Experimental Station (KES),

Kovalam-Kelambakkam Road,

Thiruvidanthai, Changalpattu,

Tamil Nadu - 603112

Bids shall be submitted online only at CPPP website: https://eprocure.gov.in/eprocure/app. **Manual bids are strictly not accepted under any circumstances.**

E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid. The Tender Inviting Authority has all the rights to retender or cancel the tender at any stage without mentioning the reasons.

Tenderer / Contractor are advised to follow the instructions carefully provided in **Instructions to Bidders (ITB) and General Condition of Contract (GCC)**, without fail, which are uploaded in our website at **https://ciba.icar.gov.in** under "TENDER", before submission of your bid.

Care has been taken to avoid contradiction between stipulation in the ITB, GCC and those in the other sections of the bidding documents. But wherever contradiction arises, if any, stipulations contained in the Schedule of Requirements shall prevail.

Tenderer / Contractor are also advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at 'https://eprocure.gov.in/eprocure/app**'**

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

Not more than one tender shall be submitted by one contactor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

Tenderer who has downloaded the tender from the CIBA website https://ciba.icar.gov.in and Central Public Procurement Portal (CPPP) website https://eprocure.gov.in/eprocure/app , https://eprocure.gov.in/epublish/app **shall not tamper/modify the tender form including downloaded price bid template in any manner**. In case if the same is found to be tampered / modified in any

manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with CIBA.

Before the deadline for submission of the online bid, CIBA, Chennai reserves the right to modify the tender document terms and conditions. Such amendment / modification will be notified on website against said tender ID. Intending tenderers are advised to visit again CIBA website https://ciba.icar.gov.in and CPPP website https://eprocure.gov.in/eprocure/app at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.

EMD Payment:

Bid Security EMD	**Rs.1,10,000/-**	In Words Rupees One lakh Ten thousand only.

Earnest Money Deposit is to be deposited by **Demand Draft** in favour of **ICAR Unit, CIBA and payable at Chennai** obtained from any Nationalized/ scheduled Bank valid for three months. Bidders are required to submit the details of EMD payment at the time of Bid Preparation.

The Hard Copy of original instruments in respect of earnest money deposit must be delivered to The Director Central Institute of Brackishwater Aquaculture (ICAR), No. 75, Santhome High Road, R.A.Puram, Chennai – 600 028 on or before opening bid**.**

All applicable bank charges shall be borne by the applicant and he shall not have any claim what so ever on this account on Government.

Tenderer shall likely to be liable for legal action for non-submission of original payment instrument like DD, etc., against the submitted bid.

Bids will be opened as per date/time as mentioned in the **Tender Critical Date Sheet.** After online opening of Technical-Bid the results of their qualification as well Price-Bid opening will be intimated latter.

Performance Security Deposit:

Successful Bidder can submit the Performance Security 3% in the form of Account Payee Demand Draft also. DD should be made in favour of ICAR UNIT CIBA payable at CHENNAI. After award of contract, Successful Bidder can upload scanned copy of the DD and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract. No interest will be paid to these

deposits. **Performance Security deposit has to be claimed within three years after completion of work, otherwise it would be forfeited.**

Warranty:

Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at site location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

Submission of Tender

1. The tender shall be submitted online in two parts, viz., technical and price bid.
2. The bids submitted through Post/Telegram/Fax/email shall not be considered and will be summarily rejected.
3. No correspondence will be entertained in this matter.

Technical Bid:

The following documents are to be furnished by the bidder/supplier/Contractor along with Technical Bid as per the tender document in the following order, failing which the competent authority reserves the right to reject the bid at the bid opening stage itself without entertaining for further process.

i) Signed and scanned copy

1. Tender Acceptance Letter (Annexure-I) (To be given on Company Letter Head).
2. Price Bid Undertaking (Annexure-II) (To be given on Company Letter Head).
3. General Terms & Conditions (Annexure-III) (To be given on Company Letter Head).
4. Specification & Drawing (Annexure-IV)
5. DD pertaining to Earnest Money Deposit.

6. To claim the EMD exemption under the MSE Procurement Policy, Valid MSME/NSIC certificate as per Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro Small and Medium Enterprises (MSME)
7. PAN card.
8. GST Certificate.
9. Valid Registration Certificate.
10. Affidavit of partnership / proprietary firm.
11. Manufacturer / Authorised Dealer/ Authorisation letter from the Manufacturer
12. Catalogue/ Original pamphlets/ references clearly mentioning the make and model of all systems, sub systems and additional items with the complete technical details in the form of Brochures and write-ups.
13. The catalogue should substantiate the technical specification of the equipment/item quoted by the supplier so as to enable the indenter/committee to evaluate the technical bids without any ambiguity.
14. Minimum Average Annual Turnover of the bidder (For 3 Years) more than 20 lakhs
15. Last three years Income-tax returns.
16. Audited Balance sheet of last three years.
17. The participant must have demonstrable experience in successfully commissioning high-capacity tanks for marine water culture and/or seed rearing of live aquaculture organisms. The tank should be for use in a hatchery, BMC, NBC, or an indoor fish/shellfish culture facility, operated by a Government agency, PSU, or industry. A satisfactory commissioning report, duly signed and dated, must be submitted as part of the tender documentation.
18. Check list mentioning all the above documents.
19. Visitor Pass (Issued by ICAR-CIBA Official – KES of CIBA).

Price Bid:

(a) Price bid undertaking

(b) Schedule of price bid in the form of BOQ_XXXX.xls.

(c) There should not be any deviations from the Price bid template that been uploaded with this e-tender, otherwise the bid will be summarily rejected.

Annexure-II

PRICE BID UNDERTAKING

(To be given on Company Letter Head)

From: (Full name and address of the Bidder)

_____

_____

_____

To,

The Director,

Central Institute of Brakishwater Aquaculture,

75, Santhome High Road,

R.A. Puram,

Chennai – 600 028

Dear Sir/Madam,

Sub : Price Bid Undertaking – Reg

CIBA Ref.No. : F.No:9-22/24-25/ST.

a. I submit the Price Bid for the "**Supply & Installation of FRP Tanks with various capacity at ICAR-CIBA Kovalam Experimental Station (KES), Kovalam-Kelambakkam Road, Thiruvidanthai, Changalpattu, Tamil Nadu 603112. Make_____ Model _____)**" as envisaged in the Bid document.

2. I have thoroughly examined and understood all the terms and conditions as contained in the Bid document, and agree to abide by them.

3. I offer to supply at the rates as indicated in the price Bid of this tender.

Place : Yours Faithfully,

Date :

Signature of authorized Representative

Schedule of price bid in the form of BOQ_XXXX .xls:

The below mentioned Financial Proposal/Commercial/Price bid format is a model, provided as BoQ_XXXX.xls along with this tender document at https://eprocure.gov.in/eprocure/app. Bidders are advised to download this BoQ_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Price bid. **Bidder shall not tamper/modify downloaded price bid template in any manner**. In case if the same is found to be tempered/modified in any manner, **tender will be completely rejected and EMD would be forfeited** and tenderer is liable to be banned from doing business withCIBA,Chennai.

	A	B	D	E	F	M	BA	BC
1	Validate	Print	Help		Item Rate BoQ			
4	Tender Inviting Authority:							
5	Name of Work:							
6	Contract No:							
8	Name of the Bidder/ Bidding Firm / Company :							
9	PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
10	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
11	Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
12	1	2	4	5	6	13	53	55
28	1	Item 1						
29								
30	Total in Figures						0.00	INR Zero Only
32	Quoted Rate in Words		INR Zero Only					

1. The rates shall be quoted in Indian Rupee only.
2. The rates has to filled at the particular cells in the BoQ_XXXX.xls such as taxes, fees, levies, etc. and any revision in the statutory taxes, fees, etc will be the responsibility of the Bidder.
3. The payment will be made to the Consultant/Bidder/Supplier at any Bank Account maintained in India by way of ECS/RTGS after deducting the TDS as applicable.
4. The quoted rates shall remain firm throughout the tenure of the contract and no revision is permissible for any reason.
5. Evaluation of bid will be made without taking GST.

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.

Registration :

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "**Online bidder Enrollment**" on the CPP Portal which is free of charge.
2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

Searching for tender documents :

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of

search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

Preparation of bids:

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or ''Other Important Documents'' area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Submission of bids:

1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
4. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
5. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
6. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit

encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
10. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

Assistance to bidders :

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

The Director,
Central Institute of
Brackishwater Aquaculture,
No.75.Santhome High Road,
R.A.Puram,
Chennai –600028.

ANNEXURE - I

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

To,

The Director,

Central Institute of Brakishwater Aquaculture,

No.75. Santhome High Road,

R.A.Puram,

Chennai – 600 028.

Subject : Acceptance of Terms & Conditions of e-Tender – Reg

CIBA Ref.No. : F.No : 9-22/24-25/ST.

Tender ID : _____

Name of Tender / Work: Supply & Installation of FRP Tanks with various capacity at ICAR-CIBA Kovalam Experimental Station (KES), No 43, Kovalam-Kelambakkam Road, Thiruvidanthai, Changalpattu, Tamil Nadu 603112.

Make & Model : _____

Country Of Origin : _____

********** ********** *********

Dear Sir,

1. I/ We have downloaded the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

_____

_____

_____

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire clauses, terms and conditions of the tender document from **CPPP portal** which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety and also unconditionally accept that CIBA, Chennai has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

5. I / We accept that being L1 alone will not confer the award of the contract by the CIBA. The Award of the contract will be communicated by CIBA, Chennai through Post/ Fax / electronic form of communication, which is final and I / we shall a bide by the terms / conditions / clauses contained therein.

6. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

7. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

ANNEXURE - III

GENERAL TERMS & CONDITIONS

1. Evaluation of bids will be made without taking GST.
2. The right to accept the rates and bidding the work based on the quality and reputation of the firms rests with the DIRECTOR, CIBA and it cannot be challenged. The DIRECTOR, CIBA reserves the right to accept or reject any one or all the quotations without any reason.
3. No advance and any part payment will be made for this work.
4. A demand draft for an amount of Rs.1,10,000/- (Rupees One Lakh Ten Thousand Only) as earnest money deposit may be drawn in favour of "ICAR UNIT, CIBA, CHENNAI" payable at Chennai and the same should be scanned and uploaded along with the technical bid. The Hard Copy of original instruments in respect of earnest money deposit must be delivered to The Director Central Institute of Brackishwater Aquaculture (ICAR), No. 75, Santhome High Road, R.A.Puram, Chennai – 600 028 on or before opening bid.
5. Income tax will be deducted on the work done value as per govt. norms and the same will be remitted to the IT Department concerned.
6. Deduction of TDS on GST as per Govt. rules/guidelines if the final bill amount exceeds Rs.2.50 lakhs.
7. During executing of work any loss/Hazard due to any reason for the men and materials will be borne by the contractor. The Institute will not be responsible for any loss or damage /Hazard.
8. While executing the work, the executing agency is fully responsible for any damage to Institute materials and the same may be replaced (including materials & labour charges for the replacement) by the Contractor at his own cost.
9. **The resin to be used will be food grade, UV resistance, suitable for marine applications for holding salt water aquatic organism, preference is Isophathalic resins.**
10. After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 10 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 7 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing– the delivery period shall be refixed without LD for the period of delay in approval of Drawing

11. Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

    ICAR-CIBA Kovalam Experimental Station (KES)
    No 43, Kovalam-Kelambakkam Road,
    Thiruvidanthai,
    Changalpattu,
    Tamil Nadu - 603 112

12. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

13. **End User Certificate:**Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only

14. Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

15. **Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

16. **SITE VISIT:**

    1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder.

    2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.

    3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to ;lack of any kind of pre-requisite information as it is the sole responsibility of

the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

17. **Scope of Supply:**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

18. **OEM :**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

19. **Service & Support:**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

20. **Forms of EMD**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of **ICAR UNIT CIBA payable at CHENNAI** .Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

21. During executing of work any loss/Hazard due to any reason for the men and materials will be borne by the contractor. The Institute will not be responsible for any loss or damage /Hazard.

22. While executing the work, the executing agency is fully responsible for any damage to Institute materials and the same may be replaced (including materials & labour charges for the replacement) by the Contractor at his own cost.

23. The rates are to be quoted to have a minimum validity for a period up to 22-07-2025**.**

24. **Forms of EMD:** Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also DD should be made in favour of **ICAR UNIT CIBA payable at CHENNAI** . After award of contract, Successful Bidder can upload scanned

copy of the DD and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

25. The participant must have demonstrable experience in successfully commissioning high-capacity tanks for marine water culture and/or seed rearing of live aquaculture organisms. The tank should be for use in a hatchery, BMC, NBC, or an indoor fish/shellfish culture facility, operated by a Government agency, PSU, or industry. A satisfactory commissioning report, duly signed and dated, must be submitted as part of the tender documentation.
26. The bidder should complete the supply and installation within 30 days after the issuance of the supply order.

Annexure - IV

Specifications

1) All FRP tanks should be fabricated with fine quality input material Approved.

2) The FRP tanks should be suitably reinforced with recommended material for long life, preferably Isophthalic food grade UV resistant fabrications.

3) All the tank water fill to test to be done at the factory premise of the fabricator or at site and deflection if any to be corrected before shipment.

4) Drawing given is only indicative and supplier has to produce workshop drawing obtain the approval from competent authority, submission of drawing with specification is mandate. Tank specifications are primarily determined by the available space on-site

5) The tank should be UV resistant.

6) Raw material details need to be submitted along with manufacturer's material test certificate.

7) Quality assurance plan along with the static load analysis , simulation reports and material test certification of FRP need to be submitted

8) The resin to be used will be food grade, UV resistance, suitable for marine applications for holding salt water aquatic organism, preference is Isophathalic resins

9) The participant must have demonstrable experience in successfully commissioning FRP tanks for marine water culture and/or seed rearing of live aquaculture organisms. The tank should be for use in a hatchery, Broodstock Multiplication Centre ,Nucleus Breeding Centre, or an indoor fish/shellfish culture facility, operated by a Government agency, PSU, or industry. A satisfactory commissioning report, duly signed and dated, must be submitted as part of the tender documentation.

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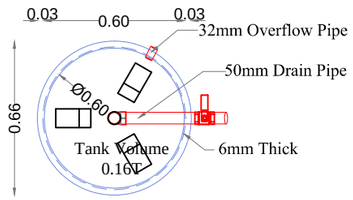
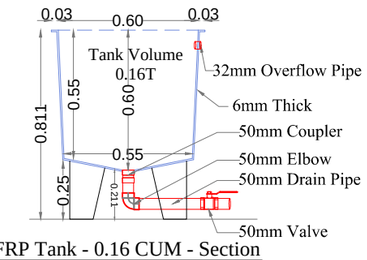
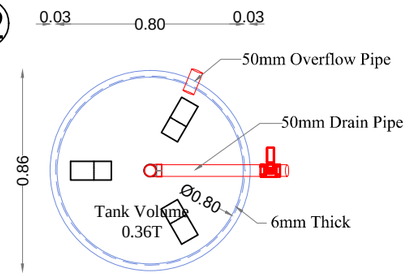


FRP Tank - 0.16 CUM - Plan

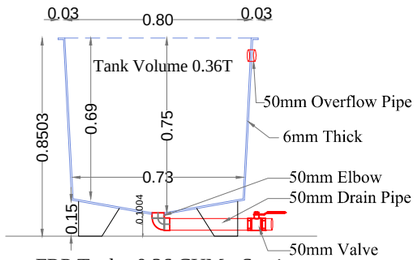


FRP Tank - 0.16 CUM - Section

02



FRP Tank - 0.36 CUM - Plan



FRP Tank - 0.36 CUM - Section

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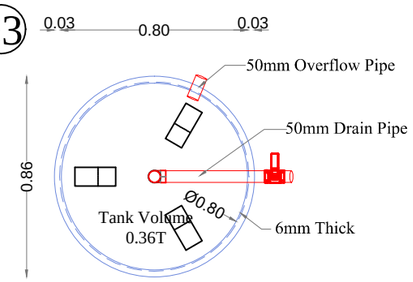
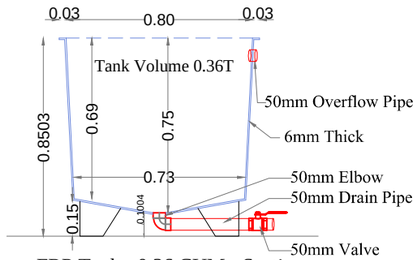
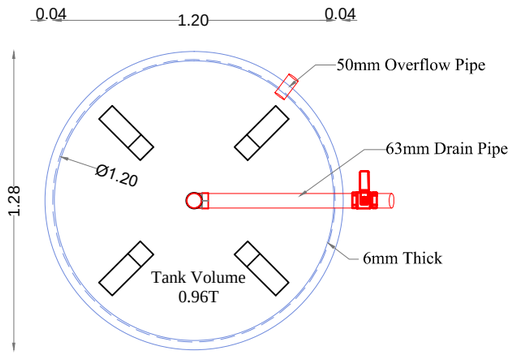


FRP Tank - 0.36 CUM - Plan

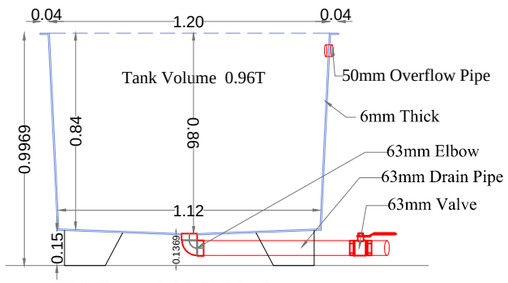


FRP Tank - 0.36 CUM - Section

04



FRP Tank - 0.96 CUM - Plan



FRP Tank - 0.96 CUM - Section

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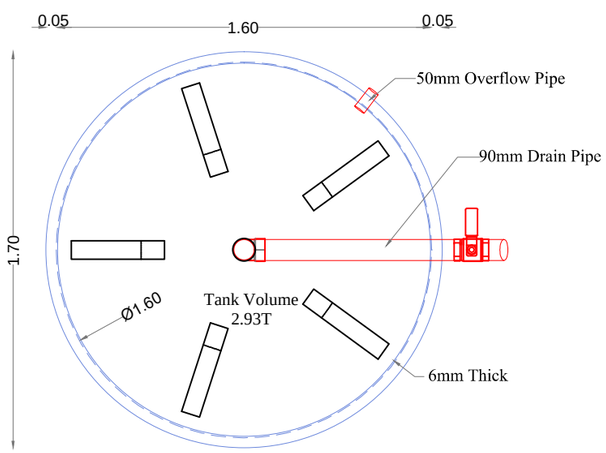
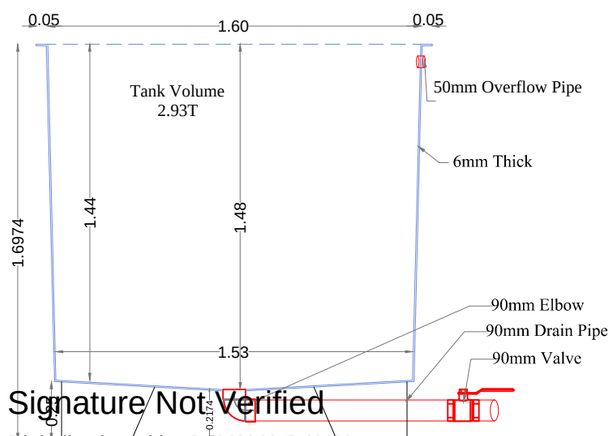


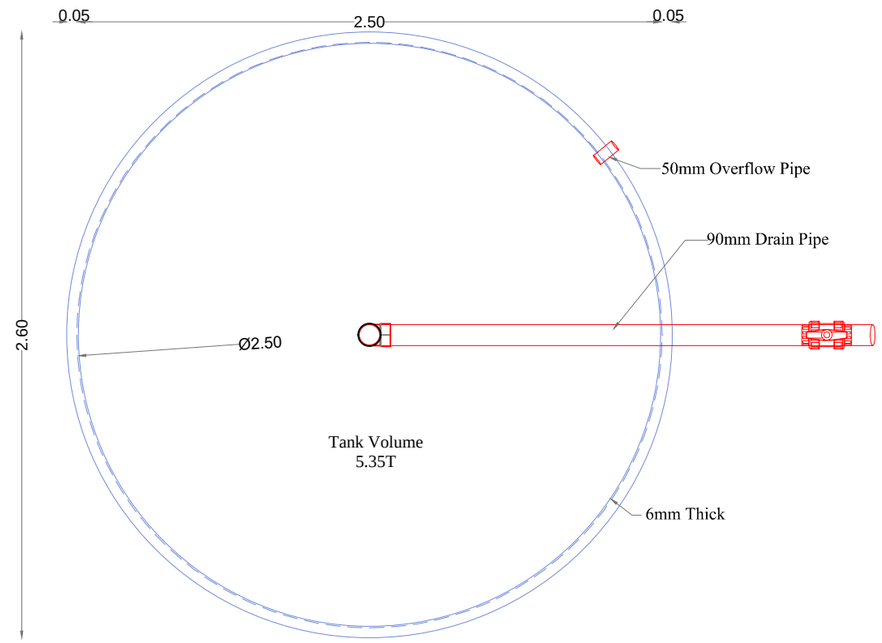
FRP Tank - 2.93 CUM - Plan



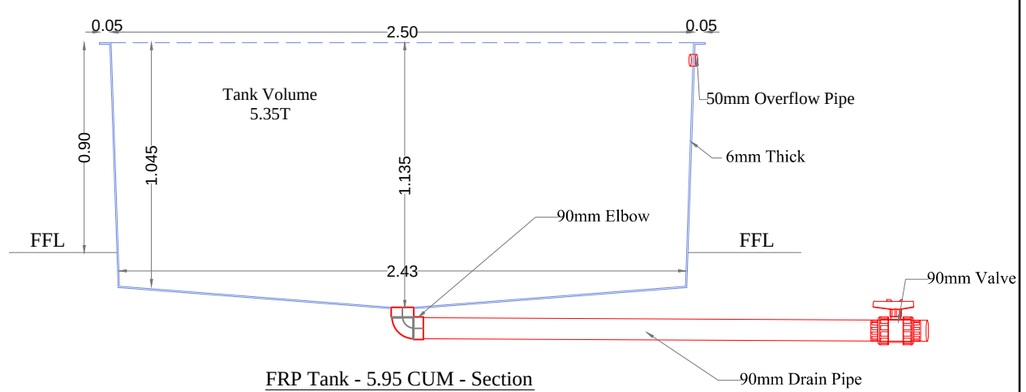
FRP Tank - 2.93 CUM - Section

Signature Not Verified
Digitally signed by J SYAMA DAYAL
Date: 2025.01.22 18:33:09 IST
Location: eProcure-EPROC

06



FRP Tank - 5.95 CUM - Plan



FRP Tank - 5.95 CUM - Section

TANKS FOR GROWOUT & NURSERY

S.No	Discription	Tank Size (Inner Diameter)		Tank Quantity (Nos)
		Top Diameter	Bottom Diameter	
1	FRP Tank - 0.16 CUM	0.6m Dia	0.55m Dia	84
2	FRP Tank - 0.36 CUM	0.8m Dia	0.73m Dia	14
3	FRP Tank - 0.36 CUM	0.8m Dia	0.73m Dia	40
4	FRP Tank - 0.96 CUM	1.2m Dia	1.12m Dia	76
5	FRP Tank - 2.93 CUM	1.6m Dia	1.53m Dia	2
6	FRP Tank - 5.95 CUM	2.5m Dia	2.43m Dia	32

Central Institute of Brackishwater Aquaculture, Chennai