



WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

68, Kshudiram Bose Sarani, Belgachia, Kolkata-700 037
email: wbuafs1995@gmail.com, registrar.wbuafs@gmail.com

Prof. Partha Das, Ph.D.
Registrar (Actg.)

Memo No. WBUAFS/Admn/ET(24-25)/Pt-II/376

Date: 20.02.2025

E-Tender Helpdesk: (033) 2546-9768
Tele-fax: (033) 2556-3123 E-MAIL: drsouravchandra1@gmail.com
Log-on for submission: <http://www.wbtenders.gov.in>
University Website: <http://www.wbuafscl.ac.in>

NOTICE INVITING e-TENDER e-NIT Reference No - WBUAFS/ADMN/ET-088/2024-2025

The Registrar, West Bengal University Of Animal & Fishery Sciences invites open e-tender for preparing the rate schedule of equipments/ instruments under the Department of Aquatic Environment Management, Faculty of Fishery Sciences, WBUAFS” funded by ICAR, Government of India from Manufacturers / Authorized Distributors/ Dealers/ Agencies/ Bidders/ Suppliers having desired prequalification eligibility credential for execution of supply and satisfactory delivery.

Detailed particulars may be obtained from the website <http://www.wbtenders.gov.in> and also be viewed from the University Website <http://wbuafscl.ac.in>.

Last date & time of submission of bid electronically is on 01.03.2025 at 12.00 Hrs IST.

Name & Address of the Department: Department of Aquatic Environment Management, Faculty of Fishery Sciences, West Bangal University of Animal & Fishery Sciences, Chakgaria, P.O. Panchasayar, Kolkata 700 094.

1. IMPORTANT ACTIVITIES

Sl. No	Activities	Date & Time
1.	e-tender Publishing Date	21.02.2025 at 09.00 Hrs
2.	Document Download start date	21.02.2025 at 17.00 Hrs
3.	Bid submission start date	22.02.2025 at 09.00 Hrs
4.	Last date of submission of Bid	01.03.2025 at 12.00 Hrs
5.	Technical Bid opening date	03.03.2025 at 12.00 Hrs and onwards
6.	Technical Bid opening Summery sheet (TBO) containing Preliminary Technical Bid Evaluation Summary uploading date	To be notify later
7.	Uploading Technical Bid Evaluation Sheet (TBE)	-do-
8.	Financial Bid opening date	-do-
9.	Uploading of Financial Bid evaluation sheet	-do-
10.	Uploading of the Letter of Invitation / Acceptance LOI/LAO	-do-
11.	Uploading of Award of Contract (AOC) (Supply order/ Work Order)	-do-

3.1 The above schedule is fixed; however, the undersigned reserves the right to change the date of activities in case of any exigencies through a notice in the departmental website & Notice Board at above addressed office.

2. ABOUT WBUAFS

The West Bengal University of Animal & Fishery Sciences (WBUAFS) is a state-aided University under the administrative control of Animal Resource Development Department, Govt. of West Bengal. The University began its journey with the heritage of century-old Bengal Veterinary College on 2nd January, 1995 with the enactment of West Bengal University of Animal & Fishery Sciences Act-1995. Though established as full-fledged University in 1995, its heritage status can be traced out to the establishment of Bengal Veterinary College in 1893. The University is imparting teaching, research and extension activities in the field of Veterinary and Animal Sciences, Fishery Sciences and Dairy Technology. The University has three campuses located at Belgachia (Kolkata), Chakgaria (Kolkata) and Mohanpur (District: Nadia).

3. TENDER INVITING AUTHORITY & CONTROLLING OFFICER

The Registrar
West Bengal University of Animal & Fishery Sciences
68, K.B.Sarani, Belgachia, Kolkata- 700 037
West Bengal, India.

4. Name of the Instruments.

Sl No	Name of the Instruments	Quantity	Tender Value	Earnest Money
1	Laboratory Balance (0.1 mg)	1	230000.00	4600.00
2	Frost Free Double Door Refrigerator	1		
3	Double Door Standard Deep Freezer	1		
4	Laboratory Research Grade Benchtop pH/mV and EC/TDS/Salinity/Resistivity Meter	1		

5. Eligible criteria for participation in the bidder.

- a. The prospective Bidder must have the credential of satisfactorily completion as a prime agency during the last 3(three) years from the date of issue of this Notice at least one works of similar nature having a magnitude to tender under authority of State /Central Govt. State / Central Govt. undertaking/ Statutory Bodies Constituted under the Statute of the Central / State Govt.
- b. Valid PAN Card in the name of bidder/organization
- c. Valid Trade License (up-to-date) in the name of bidder/organization.
- d. Valid GSTIN applicable under GST Acts & Rules.
- e. Income Tax Return copy for last 3 financial years (2021-2022, 2022-2023 & 2023-2024).
- f. i) An undertaking should be given stating thereby that the firm has not been debarred or penalized for any reasons out of work by any Govt. Department.
ii) Subletting of contract is strictly prohibited.

6. TECHNICAL PROPOSAL OF INSTRUMENTS

- Submit Bidder's company profile & other details as per the enclosed format (Annexure-II)
- Uploaded all documents/certificates / Testimonials as applicable.
- All pages are preferred with stamp and signatures.
- Technical Bid documents.

Sl. No.	Particulars	To be uploaded to the site of http://www.wbtenders.gov.in
1.	EMD	Documentary evidence for Payment of earnest money made either by Net Banking through ICICI Bank Payment Gateway OR NIFT / RTGS. If any agency/ Organization is exempted from payment of EMD, copy of relevant Government Order (only *Registered Labour Co-operative Societies will be exempted from paying the Earnest Money Deposit) is to be furnished i.e. Uploaded without fail.
2.	Tender Form	Original sign copy.
3.	PAN	Valid PAN Card in the name of bidder/organization
4.	Valid Trade License	Valid Tread License (up-to-date) in the name of bidder/organization
5.	Valid GST Registration Certificate	Valid GSTIN applicable under GST Acts & Rules.
6.	Constitution of Company/ Company details	For Proprietorship Firms, Partnership Firms, Registered Company, Registered Co-operative Society, valid Joint Venture or Consortiums (Valid Trade License/ acknowledgement/ Receipt of application for Trade License/ Revalidation applicable under the Rules) OTHER
7.	Credential of work	The prospective Bidder must have the credential of satisfactorily completion as a prime agency during the last 3(three) years from the date of issue of this Notice at least one works of similar nature having a magnitude to tender under authority of State /Central Govt. State / Central Govt. undertaking/ Statutory Bodies Constituted under the Statute of the Central / State Govt.
8.	Income Tax Return copy	Income Tax Return copy for last 3 financial years
9.	Compliance Certificate (Mandatory)	As given in NIT

7. FINANCIAL PROPOSAL OF INSTRUMENTS

- Financial bid will be opened only when technical bid is found to be qualified.
- Financial Proposal must be duly filled as per BOQ.
- Price can be quoted only in INR.
- Validity of tender: Quoted rate shall remain valid for a period of at least 365 days.
- All duties, taxes and other levies payable by the Bidders under the contract shall be included in the total price.
- No conditional financial bid shall be entertained / accepted.

8. INSTRUCTION TO THE BIDDERS:

- Intending bidders may download & upload the tender documents free of cost from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate.
- Intending bidder may obtain Digital Signature Certificate from the approved service provider of Govt. of India.
- Tenders have to be submitted ON-LINE in two parts i.e. Technical Bid (Part-I) & Financial Bid (Part-II) in e-tender portal <http://wbtenders.gov.in> by using DSC.
- All the desired documents have to be uploaded in Technical Bid (Part-I).
- Eligibility of opening the Financial Bid (Part-II) for finalization of firms & rates will depend on the outcome of the documents uploaded in the Technical Bid (Part-I).
- The Financial Bid shall consist of only the details of rates offered.
- The intending bidders may please note that all the columns in the Technical Bid as well as Financial Bid are to be filled meticulously with precision along with documentary evidence wherever necessary.
- The offered rates for various items should be quoted in BOQ (Bill of Quantities) i.e. Financial Bid (Part-II) in the dedicated column & to be uploaded separately.

9. Special Instructions to the Contractors/Bidders for the e-submission of the bids online through this e Procurement Portal
 1. Bidder should do Online Enrolment in this Portal using the option Click Here to Enrol available in the Home Page. Then the Digital Signature enrolment has to be done with the e-token, after logging into the portal. The e-token may be obtained from one of the authorized Certifying Authorities such as eMudhraCA/GNFC/IDRBT/MtnlTrustline/SafeScript/TCS.
 2. Bidder then logs into the portal giving user id / password chosen during enrollment.
 3. The e-token that is registered should be used by the bidder and should not be misused by others.
 4. DSC once mapped to an account cannot be remapped to any other account. It can only be Inactivated.
 5. The Bidders can update well in advance, the documents such as certificates, purchase order details etc., under My Documents option and these can be selected as per tender requirements and then attached along with bid documents during bid submission. This will ensure lesser upload of bid documents.
 6. After downloading / getting the tender schedules, the Bidder should go through them carefully and then submit the documents as per the tender document; otherwise, the bid will be rejected.
 7. The BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender. Bidders are allowed to enter the Bidder Name and Values only.
 8. If there are any clarifications, this may be obtained online through the eProcurement Portal, or through the contact details given in the tender document. Bidder should take into account of the corrigendum published before submitting the bids online.
 9. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/XLS/RAR/DWF formats. If there is more than one document, they can be clubbed together.
 10. The bidder reads the terms and conditions and accepts the same to proceed further to submit the bids
 11. The bidder has to submit the tender document(s) online well in advance before the prescribed time to avoid any delay or problem during the bid submission process.
 12. There is no limit on the size of the file uploaded at the server end. However, the upload is decided on the Memory available at the Client System as well as the Network bandwidth available at the client side at that point of time. In order to reduce the file size, bidders are suggested to scan the documents in 75-100 DPI so that the clarity is maintained and also the size of file also gets reduced. This will help in quick uploading even at very low bandwidth speeds.
 13. It is important to note that, the bidder has to Click on the Freeze Bid Button, to ensure that he/she completes the Bid Submission Process. Bids Which are not Frozen are considered as Incomplete/Invalid bids and are not considered for evaluation purposes.

14. In case of Offline payments, the details of the Earnest Money Deposit(EMD) document submitted physically to the Department and the scanned copies furnished at the time of bid submission online should be the same otherwise the Tender will be summarily rejected
15. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.
16. The bidder may submit the bid documents online mode only, through this portal. Offline documents will not be handled through this system.
17. At the time of freezing the bid, the eProcurement system will give a successful bid updation message after uploading all the bid documents submitted and then a bid summary will be shown with the bid no, date & time of submission of the bid with all other relevant details. The documents submitted by the bidders will be digitally signed using the e-token of the bidder and then submitted.
18. After the bid submission, the bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. The bid summary will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening event.
19. Successful bid submission from the system means, the bids as uploaded by the bidder is received and stored in the system. System does not certify for its correctness.
20. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected
21. The time that is displayed from the server clock at the top of the tender Portal, will be valid for all actions of requesting bid submission, bid opening etc., in the e-Procurement portal. The Time followed in this portal is as per Indian Standard Time (IST) which is GMT+5:30. The bidders should adhere to this time during bid submission.
22. All the data being entered by the bidders would be encrypted at the client end, and the software uses PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission and not viewable by any one until the time of bid opening. Overall, the submitted bid documents become readable only after the tender opening by the authorized individual.
23. During transmission of bid document, the confidentiality of the bids is maintained since the data is transferred over secured Socket Layer(SSL) with 256 bit encryption technology. Data encryption of sensitive fields is also done.
24. The bidders are requested to submit the bids through online eProcurement system to the TIA well before the bid submission end date and time (as per Server System Clock).

10. EARNEST MONEY (EMD): -

In the event of e-filing, intending bidders may download the tender documents from the website: <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Completed bids, digitally signed, have to be uploaded in the same website. Payment for earnest money to be made either by Net Banking through ICICI Bank Payment Gateway or through RTGS/NEFT as detailed below:

- a) Payment by NET Banking (any listed bank) through ICICI Bank Payment Gateway:

- i) On selection of net banking as the payment mode, the bidder will be directed to ICICI Bank Payment Gateway webpage (along with a string containing a Unique ID) where he will select the Bank through which he wants to do the transaction.
- ii) Bidder will make the payment after entering his Unique ID and password of the bank to process the transaction.
- iii) Bidder will receive a confirmation message regarding success/failure of the transaction.
- iv) If the transaction is successful, the amount paid by the bidder will get credited in the respective Pooling account of the State Government/PSU/Autonomous Body/Local Body/PRI, etc maintained with the Focal Point Branch of ICICI Bank at R.N. Mukherjee Road, Kolkata for collection of EMD/Tender Fees.
- v) If the transaction is failure, the bidder will again try for payment by going back to the first step.

b) Payment through RTGS/NEFT:

- i) On selection of RTGS/ NEFT as the payment mode, the e-Procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction.
- ii) The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his Bank Account.

11. FOR AVAILING EXEMPTION OF EMD:

- a. Those who exempted from depositing of earnest money, they will have to upload the ORIGINAL exemption certificate issued by the competent authority.
- b. The list of product manufactured & approved by NSIC/SSI/MSME Registration authority will only be considered for exemption from depositing of earnest money and those listed items will only come under zone of consideration of price preference. If any bidder quoted products other than those covered under NSIC/SSI Registration should accompany EMD. Authorized Officers of the undersigned may visit factory.
- c. In no circumstances Cash, G.P. Notes, Account Payee Cheque, Savings Bank Pass Book, Fixed/Term/Special Term Deposit Receipt, Token of RBI etc. will be accepted as EMD.
- d. The Earnest Money Deposit shall not carry interest and Earnest Money Deposit of previous tender will not be adjusted or considered for this tender. Earnest Money Deposited before the date of issue of this N.I.T. will not be accepted.
- e. Tender uploaded without earnest money deposit or valid exemption certificate will be summarily rejected.
- f. Earnest Money of successful bidder will be retained during the tenure of tender and extension, if there be any, and for such retention no interest shall be payable.
- g. If the validity of SSI registration is going to be expired within tender/contract period, the bidder should produce the certificate to this effect to the undersigned. Registration of SSI unit after the submission of tender will not entitled the bidder to exemption from payment of Earnest Money.

12. REFUND/SETTLEMENT PROCESS FOR EMD: Online Receipt and Refund of Earnest Money through State Govt. E-bid Portal: Please follow G.O. No. 3975-F(Y) dated 28.07.2016 available in www.wbfin.nic.in.

13. ADDITIONAL PERFORMANCE SECURITY: Additional Performance Security @10% of the tendered amount shall be obtained from the successful bidder in the accepted bid value is 80% or less of the Estimate put to tender followed by the order no 4608-F(Y) dated 18th July, 2018, Finance Department, Government of West Bengal.

14. LIQUIDATED DAMAGE: All contracts should have a provision for recovery of liquidated damages for default on the part of the contract or unless any special instructions are issued by the "Competent Authority" as per provision vide order no 10500-F Dated, Kolkata, the 19th November, 2004 issued by Finance Department Govt. of West Bengal.

15. ACCEPTANCE OF TENDER: Acceptance of Tender will be followed as per Finance Department order No 2320- F(Y) Dated, 7 June, 2022

16. GROUND FOR SUSPENSION AND DEBARMENT:

- i. Submission of eligibility requirements containing false information or falsified documents.
- ii. Submission of Bids that contain false information or falsified documents, or the concealment of such information in the Bids in order to influence the outcome of eligibility screening or any other stage of the bidding process.
- iii. Unauthorised use of one's name/digital signature certified for purpose of bidding process.
- iv. Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favour.
- v. All other acts that tend to defeat the purpose of the competitive bidding such as lodging false complaints about any bidder, posting baseless allegation about any officer duly authorised by the Department, restraining any interested bidder to participate in the bidding process etc.
- vi. Refusal to accept an award after issuance of 'Letter of Acceptance' or enter into contract with the Government without justifiable cause.
- vii. Refusal or failure to post the required performance security/earnest money within the prescribed time without justifiable cause.
- viii. Subcontracting of the contract or any part thereof without prior written approval of the procuring entity.
- ix. Failure solely due to fault or negligence of the Contractor, to mobilize and start work within the specified period as mentioned in the 'Letter of Acceptance' / 'Letter of Acceptance cum work Order' / 'Work Order' / 'Notice of Process' / 'Award of Contract' etc. ultimately resulting in rescindment of contract.
- x. Failure to fully and faithfully comply with the contractual obligations without valid cause, or failure to comply with any written lawful instruction of the procuring entity or his representative(s) pursuant to the implementation of the contract, ultimately resulting in rescindment of contract.
- xi. For the procurement of goods, unsatisfactory progress in the delivery of the goods by the manufacturer, supplier or distributor arising from his fault or negligence and / or unsatisfactory or inferior quality of goods, vis a vis as laid down in the contract.
- xii. Refusal or failure to upload a self-declaration in specimen format of Form-4 to the effect of any previous debarment imposed by I&WD, any other Department of State Government and or Central Government.
- xiii. Wilful or deliberate abandonment or non-performance in a project or contract by the contractor / suppliers resulting to substantial breach thereof without lawful and / or just cause(s).

17. TRADE LICENSE , GSTN REGISTRATION CERTIFICATE & PAN

- a. Each bidder should upload Trade License of their firm. Incorporation certificate issued by the Competent Authority will be accepted if bidder fails to upload Trade License.
- b. Each bidder should upload Valid 15 Digit Goods & Services Taxpayers Identification Number (GSTIN) under GST Act, 2017 obtained from competent authority. If the bidder is exempted from Tax they should upload exemption Certificate obtained from competent authority.
- c. ORIGINAL PAN card issued by competent authority is to be uploaded.

18. IT RETURN

- a. ORIGINAL IT Return for three years AY: 2021-2022,2022-2023 & 2023-2024 are to be uploaded.

19. GENERAL

- a. No Tender/Tender pre-requisites such as Earnest Money Deposit, Sample etc., will be accepted after date & time of scheduled closing.
- b. Conditional Tenders and Tenders not accompanied with the documents shall be summarily rejected without any reference made to the bidder and no correspondence will be entertained.
- c. Submission of hard copy of financial bid (BOQ) is totally prohibited. Disclosure of rate in the technical bid will lead to rejection of bid.
- d. Any addendum/corrigendum/extension of validity period will be notified at our departmental website www.wbuafscs.ac.in.
- e. The uploaded document in the tender without containing necessary enclosures and incomplete or tampered documents shall be rejected at the time of evaluation without any further notice to the bidder.
- f. In case of products with Brand Name, the Tendering Firm is required to mention the Brand Name against each item. In case, I.S.I. Marked products, the Tendering Firm shall have to produce License of manufacturing from B.I.S. ISI/BIS marked items would be preferred and non-ISI/BIS items will be considered only when ISI/BIS marked items are not available.
- g. The undersigned reserves the right to reject any or the entire tender at any stage without assigning any reason thereof .
- h. Any dispute/difference arising out of this Tender will be referred to the sole arbitrator to be appointed by WBUAFS and the same will be held at Kolkata high court only. Arbitrator will have the power to pass interim order and will be guided by the Arbitration & Conciliation Act, 1996.
- i. When a Tendering Firm submitted their tender in response to this Notification, they will be deemed to have understood fully the contents, the requirement, term & conditions of this tender. No extra payment will be made on the pretext that the Tendering Firm did not have a clear idea of any particular point. Any offer made in response to this tender when accepted by the Tendering Authority will constitute a contract between the parties.
- j. Firm quoting rates on behalf of its Principal should indicate in tender paper that it is a DIVISION of the principal firm.
- k. All notice intended to be served on the bidder will be deemed to have been duly served, if sent under certificate of posting or Registered post to the address mentioned in the tender or by any other process permissible under civil law.
- l. In the event of delay/non-availability/garbled printout/inconvenience in getting access to the Website for downloading tender documents, the authority will not be held responsible. Every document uploaded by the bidder should be clear, legible otherwise it will not be considered for acceptance.
- m. The offered rate should be valid for 365 days but the period may be extended or curtailed at the discretion of the undersigned/ Appropriate Committee/ Tendering Authority and requirement.

20. PAYMENT

- a. No advance payment (Part or full) will be entertained in any case.
- b. Tax Invoice is to be sent in TRIPLICATE along with relevant Order, Challan etc. bearing completion certificate from competent authority of WBUAFS.

21. SPECIFICATION OF INSTRUMENTS

Item No	Name of the instruments	Specification of the instruments
1.	Laboratory Balance (0.1 mg)	Capacity: 220g Pan Size:90 mm Ø Calibration: Internal Calibration Readability: 0.0001g (0.1mg) Repeatability: 0.1 mg Linearity (±): 0.3 mg Min. (Capacity): 10 mg Display: Touch Screen/Keypad Response Time: 5 Sec or less Tare Range: Full Operating Temperature: 15oC to 30oC Unit: mg, g,ct, ozt, oz, GN, dwt, lb Key Sound: Yes Weighing Chamber Height: 195 mm or more Baud rate: 2400, 4800, 9600 or better Class: I Interface: RS232C or better Data Output Mode: Command and continuous Output Power Supply: AC 220V / 50-60 Hz Weight: 10 kg or less Warranty: Two years or more
2.	Frost Free Double Door Refrigerator	Type: Double Door Refrigerator Type:Top Mount Defrosting Type: Frost Free Compressor Type:Reciprocating Compressor Capacity: 235 L or more Number of Doors:2 Star Rating:3 or more Toughened Glass:Yes Built-in Stabilizer: Yes (or to be supplied as accessory) Body Material: Steel Warranty: One-year comprehensive warranty or more and 7 years or more on compressor
3	Double Door Standard Deep Freezer	Capacity:300 L or more Defrost Type: Manual Lid Type: Metal Top Door Type: Swing Door Number of Compartments: 1 or more Lock Present: Yes Inbuilt Lighting: Preferred

		Defrost Water Drain Present: Yes Power Requirement: 230V/50Hz/1ph Warranty: Three-year comprehensive warranty or more																																																						
4	Laboratory Research Grade Benchtop pH/mV and EC/TDS/Salinity/Resistivity Meter	<table border="1"> <tr> <td>pH Range</td> <td>-2.0 to 20.0 pH</td> </tr> <tr> <td>pH Resolution</td> <td>0.001 pH or better</td> </tr> <tr> <td>pH Accuracy</td> <td>±0.002 pH ± 1LSD or better</td> </tr> <tr> <td>pH Calibration</td> <td>Up to five-point calibration</td> </tr> <tr> <td>pH Temperature Compensation</td> <td>automatic or manual from -20.0 to 120.0 °C</td> </tr> <tr> <td>mV Range</td> <td>±2000.0 mV or better</td> </tr> <tr> <td>mV Resolution</td> <td>0.1 mV or better</td> </tr> <tr> <td>mV Accuracy</td> <td>±0.2 mV ± 1LSD or better</td> </tr> <tr> <td>mV Relative Offset</td> <td>±2000.0 mV or better</td> </tr> <tr> <td>ISE Range</td> <td>10⁻⁷ to 10M/ 0.005 to 105 ppm/ 5·10⁻⁷ to 5·10⁷ conc or better</td> </tr> <tr> <td>ISE Resolution</td> <td>0.001 conc or better</td> </tr> <tr> <td>ISE Accuracy</td> <td>±0.5% (monovalent ions); ±1% (divalent ions)</td> </tr> <tr> <td>ISE Calibration</td> <td>Up to five-point calibration</td> </tr> <tr> <td>EC Range</td> <td>0.000 to 9.999 µS/cm, 10.00 to 99.99 µS/cm, 100.0 to 999.9 µS/cm, 1.000 to 9.999 mS/cm, 10.00 to 99.99 mS/cm, 100.0 to 1000.0 mS/cm actual EC</td> </tr> <tr> <td>EC Resolution</td> <td>0.001 µS/cm or better</td> </tr> <tr> <td>EC Accuracy</td> <td>±1% of reading (±0.01 µS/cm)</td> </tr> <tr> <td>EC Calibration</td> <td>Automatic standard recognition, single point or multi-point calibration</td> </tr> <tr> <td>TDS Range</td> <td>0.000 to 9.999 ppm, 10.00 to 99.99 ppm, 100.0 to 999.9 ppm, 1.000 to 9.999 ppt, 10.00 to 99.99 ppt, 100.0 to 400.0 ppt actual TDS (with 1.00 factor)</td> </tr> <tr> <td>TDS Resolution</td> <td>0.001 ppm</td> </tr> <tr> <td>TDS Accuracy</td> <td>±1% of reading (±0.01 ppm)</td> </tr> <tr> <td>EC/TDS Temperature Compensation</td> <td>Disabled / Linear / Non linear (natural water)</td> </tr> <tr> <td>Temperature Correction Coefficient</td> <td>0.00 to 10.00 %/°C</td> </tr> <tr> <td>Reference Temperature</td> <td>5.0 °C to 30.0 °C</td> </tr> <tr> <td>Cell Constant</td> <td>0.0500 to 200.00</td> </tr> <tr> <td>Cell Type</td> <td>4 cells</td> </tr> <tr> <td>Salinity (% NaCl) Range</td> <td>0.0 to 400.0%</td> </tr> <tr> <td>Salinity (% NaCl)</td> <td>0.01%</td> </tr> </table>	pH Range	-2.0 to 20.0 pH	pH Resolution	0.001 pH or better	pH Accuracy	±0.002 pH ± 1LSD or better	pH Calibration	Up to five-point calibration	pH Temperature Compensation	automatic or manual from -20.0 to 120.0 °C	mV Range	±2000.0 mV or better	mV Resolution	0.1 mV or better	mV Accuracy	±0.2 mV ± 1LSD or better	mV Relative Offset	±2000.0 mV or better	ISE Range	10 ⁻⁷ to 10M/ 0.005 to 105 ppm/ 5·10 ⁻⁷ to 5·10 ⁷ conc or better	ISE Resolution	0.001 conc or better	ISE Accuracy	±0.5% (monovalent ions); ±1% (divalent ions)	ISE Calibration	Up to five-point calibration	EC Range	0.000 to 9.999 µS/cm, 10.00 to 99.99 µS/cm, 100.0 to 999.9 µS/cm, 1.000 to 9.999 mS/cm, 10.00 to 99.99 mS/cm, 100.0 to 1000.0 mS/cm actual EC	EC Resolution	0.001 µS/cm or better	EC Accuracy	±1% of reading (±0.01 µS/cm)	EC Calibration	Automatic standard recognition, single point or multi-point calibration	TDS Range	0.000 to 9.999 ppm, 10.00 to 99.99 ppm, 100.0 to 999.9 ppm, 1.000 to 9.999 ppt, 10.00 to 99.99 ppt, 100.0 to 400.0 ppt actual TDS (with 1.00 factor)	TDS Resolution	0.001 ppm	TDS Accuracy	±1% of reading (±0.01 ppm)	EC/TDS Temperature Compensation	Disabled / Linear / Non linear (natural water)	Temperature Correction Coefficient	0.00 to 10.00 %/°C	Reference Temperature	5.0 °C to 30.0 °C	Cell Constant	0.0500 to 200.00	Cell Type	4 cells	Salinity (% NaCl) Range	0.0 to 400.0%	Salinity (% NaCl)	0.01%
pH Range	-2.0 to 20.0 pH																																																							
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pH Calibration	Up to five-point calibration																																																							
pH Temperature Compensation	automatic or manual from -20.0 to 120.0 °C																																																							
mV Range	±2000.0 mV or better																																																							
mV Resolution	0.1 mV or better																																																							
mV Accuracy	±0.2 mV ± 1LSD or better																																																							
mV Relative Offset	±2000.0 mV or better																																																							
ISE Range	10 ⁻⁷ to 10M/ 0.005 to 105 ppm/ 5·10 ⁻⁷ to 5·10 ⁷ conc or better																																																							
ISE Resolution	0.001 conc or better																																																							
ISE Accuracy	±0.5% (monovalent ions); ±1% (divalent ions)																																																							
ISE Calibration	Up to five-point calibration																																																							
EC Range	0.000 to 9.999 µS/cm, 10.00 to 99.99 µS/cm, 100.0 to 999.9 µS/cm, 1.000 to 9.999 mS/cm, 10.00 to 99.99 mS/cm, 100.0 to 1000.0 mS/cm actual EC																																																							
EC Resolution	0.001 µS/cm or better																																																							
EC Accuracy	±1% of reading (±0.01 µS/cm)																																																							
EC Calibration	Automatic standard recognition, single point or multi-point calibration																																																							
TDS Range	0.000 to 9.999 ppm, 10.00 to 99.99 ppm, 100.0 to 999.9 ppm, 1.000 to 9.999 ppt, 10.00 to 99.99 ppt, 100.0 to 400.0 ppt actual TDS (with 1.00 factor)																																																							
TDS Resolution	0.001 ppm																																																							
TDS Accuracy	±1% of reading (±0.01 ppm)																																																							
EC/TDS Temperature Compensation	Disabled / Linear / Non linear (natural water)																																																							
Temperature Correction Coefficient	0.00 to 10.00 %/°C																																																							
Reference Temperature	5.0 °C to 30.0 °C																																																							
Cell Constant	0.0500 to 200.00																																																							
Cell Type	4 cells																																																							
Salinity (% NaCl) Range	0.0 to 400.0%																																																							
Salinity (% NaCl)	0.01%																																																							

		Resolution	
		Salinity (% NaCl) Accuracy	±1% of reading
		Salinity (PSU) Range	0.00 to 42.00 psu
		Salinity (PSU) Resolution	0.01
		Salinity (PSU) Accuracy	±1% of reading
		Salinity (PSU) Calibration	one-point
		Salinity Range	0.00 to 80.00 ppt
		Salinity Resolution (ppt)	0.01
		Salinity Accuracy (ppt)	±1% of reading
		Resistivity Range	1.0 to 99.9 Ω cm; 100 to 999 Ω cm; 1.00 to 9.99 KΩ cm; 10.0 to 99.9 KΩ cm; 100 to 999 KΩ cm; 1.00 to 9.99 MΩ cm; 10.0 to 100.0 MΩ cm
		Resistivity Resolution	0.1 Ω cm; 1 Ω cm; 0.01 KΩ cm; 0.1 KΩ cm; 1 KΩ cm; 0.01 MΩ cm; 0.1 MΩ cm
		Resistivity Accuracy	±2% of reading (±1 Ω cm)
		Temperature Range	-20.0 to 120.0 °C
		Temperature Resolution	0.1 °C
		Temperature Accuracy	±0.2 °C or better
		Input Channels	2 (pH/mV/ISE; Conductivity/Resistivity/TDS/ Salinity)
		pH Electrode	Glass body pH electrode with BNC connector and 1 m (3.3') cable or better
		EC/TDS Probe	Platinum, four-ring EC/TDS probe with and 1 m (3.3') cable
		Temperature Probe	Stainless steel temperature probe with 1 m (3.3') cable
		Logging Type	Automatic, Manual, AutoHold
		Logging Memory	Up to 100 lots, 50,000 records max/lot; maximum 100,000 data points / channel
		Logging Interval	14 selectable between 1 second and 180 minutes
		Connectivity	Opto-isolated USB
		GLP	Yes (GLP Channel 1: Electrode offset / slope, calibration points, calibration time stamp, GLP Channel 2: Probe cell constant / offset, reference temperature, compensation coefficient, calibration points, calibration time stamp)
		Calibration Timeout Reminder	Yes

		USP Compliant	USP Application
		Profiles	Up to 10 (5 for each)
		Display	Color Graphic LCD 240 x 320 pixels, 8 keys capacitive touch keyboard or better
		Environment	0 to 50°C, RH max 95% non-condensing
		Warranty	Minimum one year (additional warranty/AMC preferred)

N.B.: All items should be manufactured by reputed organizations.

Sd/-

Registrar (Actg.)

Date: 20.02.2025

Memo No. WBUAFS/Admn/ET(24-25)/Pt-II/376

Copy forwarded for information and wide circulation to:

1. The Head, Department of Aquatic Environment Management, Faculty of Fishery Sciences, WBUAFS
2. Dean, Faculty of Fishery Sciences, WBUAFS.
3. The Finance Officer, WBUAFS.
4. Vice-Chancellor's Secretariat, WBUAFS.
5. The In-Charge, WBUAFS with request to upload the notification to the University website portal.
6. Notice Board, Office of the Registrar, WBUAFS.
7. Office Copy.



Registrar (Actg.)

ANNEXURE-I

Application Format

(To be furnished in the Company's Official Letter Head Pad with full Address with contact no. Telephone no. FAX No., e-mail Address, Website etc.)

Ref.No. -----

Dated.....

To
To
The Registrar,
West Bengal University of Animal & Fishery Sciences
68, K.B. Sarani
Kolkata-700037

Sub: NIT for Supply & Installation of equipments and other related items of WBUAFS, Kolkata

Sir,

With reference to your N.I.T..... dated

1. I/We.....the Proprietor/Authorized Nominee/s of the Firm.....
Address.....are hereby furnishing my/our rates for the item tendered for as per your specification, terms & conditions.

2. I/We hereby agree to abide by & fulfill all the terms & conditions laid down in the online N.I.T. and the particulars available in the Tender Notice & the details given in the specification/ Description or in default thereof to forfeit & pay the Governor of the state of West Bengal, or his successor in office the penalties/sums/or of money that may be imposed by the Registrar, WBUAFS,, Kolkata the earnest money deposited herewith or from other money deposited by me/us or from the bills that will be payable to me/us for the supplies to be made.

3. I/We are offering rate for the item/items in the BOQ and assured supply as per requirements of The Registrar, WBUAFS, Kolkata.

4. I/We also agree that the decision of The Registrar, WBUAFS, Kolkata in all matters in respect of this tender will be final & binding on me.

5. I/We also agree to execute on being called upon to enter into a formal agreement embodying the terms & conditions contained herein &/or on usual terms & conditions & on default on my/our doing so, the Earnest Money deposited by me/us will liable to be forfeited.

I am/We are well acquainted with the facts about the firm and the information provided in the tender is true and correct.

Yours faithfully,

Date:

Signature & office seal:
Name of the Firm:
Contact no.
E-mail Id:
Address with PIN:

ANNEXURE-II

CHECK-LIST

Information about Bidders

(To be furnished online with the Technical bid)

Sl. No.	Particulars	Page No
1.	EMD	
2.	Tender Form	
3.	PAN	
4.	Valid Trade License	
5.	Valid GST Registration Certificate	
6.	Constitution of Company/ Company details	
7.	Credential of work	
8.	Income Tax Return copy	
9.	Compliance Certificate (Mandatory) (ANNEXURE-IV)	
10.	DECLARATION (ANNEXURE-III) Affidavit from Class-1 Magistrate / Notary	
11.	Application Form (ANNEXURE-I)	
12.	Check List (ANNEXURE-II)	

N.B. The above details have been checked by me/us and found correct.

Date:

Signature of the bidder with official seal

ANNEXURE- III

AFFIDAVIT

D E C L A R A T I O N

1. I/We _____ the Proprietor/Authorized nominee(s) of the Firm M/s. _____ hereby declare that our firm /Products have not been either blacklisted nor debarred to participate in tender by any Government /Authority for the Financial Year 2019-2020, 2020- 2021,2021-2022 and till date.
2. The undersigned is also declaring that our firm M/s is having 3 years manufacturing & marketing experience.
3. The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the Registrar, WBUAFS, and Kolkata.
4. Certified that I have applied in the Tender in the capacity of individual/ as a partner of a firm and I have not applied severally for the same job.
5. I, the undersigned do certify that all the statements made in the attached documents are true and correct. If any declaration submitted is found/ ascertain to be incorrect/ fabricated/ misrepresented/fraudulent etc. accordingly tender will be liable to be cancelled/ terminated immediately & I/ my firm/ company shall also be liable to prosecuted under relevant Section of Indian Penal Code, 1860 along with Indian Information & Technology Act 2008 & any other applicable law for the time being in force in addition to forfeiture of Earnest Money/ Security Deposit.

Place:

Date:

Signature of the Bidder with Seal

NB: Declaration is to be uploaded in the form of Affidavit from Class-1 Magistrate / Notary

ANNEXURE-IV
Specification Compliance Sheet
(To be filled up & uploaded by the bidder)

Tender No.....

Tender ID.....

Item No.	Name of the Items	Specificati on as per NIT	Specification of the quoted item	Brand Name	Manufactur er Name	Remarks (Same / different)
1						

Catalogue/Broacher of the items should have to upload in case of branded.

Signature of the bidder with seal