



INDIAN MARITIME UNIVERSITY
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NOTICE INVITING TENDER

Tenders are invited for **“REFURBISHMENT OF EXISTING 3-PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS” – ON PROPRIETARY ARTICLE CERTIFICATE (PAC) BASIS UNDER SINGLE COVER SYSTEM THROUGH OFFLINE MODE.**

The Tender Document can be downloaded free of cost from IMU websites www.imukolkata.edu.in/tender.html / <https://www.imu.edu.in/imunew/tender> from **15.10.2025** onwards. The offer against the bid is to be submitted in the sealed envelope clearly subscribing "REFURBISHMENT OF EXISTING 3 PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS" in the Tender Box, IMU Kolkata Campus available at PS to Campus Director Office.

The last date for receiving tender at IMU Kolkata Campus is 22.10.2025.

Campus Director

Tender Abstract

1.	Title	:	“REFURBISHMENT OF EXISTING 3-PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS” – ON PROPRIETARY ARTICLE CERTIFICATE (PAC) BASIS UNDER SINGLE COVER SYSTEM THROUGH OFFLINE MODE.
2.	Notice Inviting Tender No.	:	IMU-KC/BOILER/03/25-26 dated 15.10.2025
3.	Tender document download date	:	15.10.2025
4.	Last date and time for receipt of bids	:	02.00 PM on 22.10.2025
5.	Date and time for opening of Technical cum Financial bid	:	03.00 PM on 22.10.2025
6.	Proposal currency	:	Prices shall be quoted in Indian Rupees (INR)
7.	Language of the proposal	:	This proposal should be filled in English language only. If any supporting documents are to be submitted, in any other language other than English, then translation of the same in English language, attested by the bidder should be attached.
8.	Validity of tender offers	:	90 days from date of opening of Technical bid
9.	EMD Amount	:	Not Applicable
10.	Performance Security Deposit (for finalized bidder only)	:	10% of the Contract value
11.	Submission of Tender in the name of	:	The Campus Director, Indian Maritime University, Kolkata Campus, P-19, Taratala Road, Kolkata - 700088.

INDIAN MARITIME UNIVERSITY

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INVITATION FOR BIDS:

The Indian Maritime University Kolkata (hereinafter referred to as the Buyer or IMU KC) invites tenders for **“REFURBISHMENT OF EXISTING 3-PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS” – ON PROPRIETARY ARTICLE CERTIFICATE (PAC) BASIS UNDER SINGLE COVER SYSTEM THROUGH OFFLINE MODE.**

Type of Tender	Single Cover system 1. Technical Cum Financial Cover
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Overall Scope and objective of this Tender is to select a successful bidder for dismantling the old set ups, transferring the old set ups to a designated place (as per IMU KC), reinstallation of items from old set ups, and entire refurbishment of existing 3 pass Horizontal smoke tube CT Boiler and IBR Certification thereof including installation of Industrial RO plant along with 05 years Post- Non Comprehensive warranty. This Clause needs to be qualified with details of either the Drawings of our Workshop or requirements of dismantling and refurbishment of the existing Boilers including its Foundations and associated Civil Works.

1.1. Eligibility Criteria:

The bidder should have mandatory qualifications as per the following table. The offer will be rejected if the bidder does not fulfil any one of the mandatory qualification criteria.

S No	Qualification Criteria	Supporting documents
1.	The Bidder should have a valid PAN and GST Registration Certificate.	Copy of the PAN Card and GST registration certificate.
2.	The Bidder shall be the Original Equipment Manufacturer (OEM) Certification or OEM Authorisation of the existing Boiler. He shall furnish necessary the OEM indicated in this tender and confirming that necessary assistance would be provided to him in providing required support during the Warranty Period and Post Warranty period.	OEM Certification or OEM Authorisation as per the Annexure. In case of participation by OEM, self-declaration along with OEM registration. Payments will be made only in INR and there shall be no FE component. Boiler Components, if any, or Spare Parts, if any, which are imported should be specifically mentioned and supportability of the same should be guaranteed for the next 30 years. Up-gradations, if any, should happen at OEM's Cost.
3.	The Bidder should not have been debarred country wide so far.	Self-declaration to this effect.

1.1.1. With regard to the various proof/supporting documents produced by the bidders for establishing that they meet the various eligibility conditions, it shall be IMU's

prerogative to decide whether the document produced is valid evidence or not and to call for additional proof, if required.

- 1.1.2. All the Mode of Proof Documents for meeting eligibility criteria enclosed with the tender are to be duly signed by the authorized signatory. If required, IMU-KC may insist for notarized copy or ask to produce originals to ascertain the veracity of the documents. IMU-KC also reserves the right to ask more proof to corroborate the eligibility declarations.

QUALIFYING CONDITIONS :
Only OEM or OEM Authorised of the Existing Boiler in the Workshop, IMU KC.

1.2. Language of Proposal & Correspondence:

The tender, and all correspondence and documents, related to the tender, exchanged between the bidder and IMU KC should be in the English language only. If the bidder along with their offer furnish any printed literature written in any other language, such documents should be supplemented with their English translation also. The contents in the English translated version alone shall be taken into consideration.

1.3. Tender Validity:

- 1.3.1. Tenders shall remain valid for **90 days** from the last date for submission of tender. An offer valid for a shorter period may be rejected by IMU KC as being non-responsive. During the period of validity of offer, the terms and condition mentioned shall not change and any such request may lead to denial of the award.
- 1.3.2. In exceptional circumstances, prior to the expiry of the original tender validity period, the IMU KC may request the bidders to extend the period of validity for a specified additional period. The request and the response thereof shall be made in writing through E-mail or Post. A bidder agreeing to the request will not be required to nor permitted to modify his tender, but will be required to extend the validity of his tender for the period of extension. In case a bidder is not agreeing to the request of the IMU for extension of validity of the tender, then his tender will not be processed further and the portions of his tender which have not been opened will be returned to them unopened as the case may be. The EMD paid by them will also be refunded to them as in the case of other unsuccessful bidders.

1.4. Proposal prices:

The prices indicated in the price schedule shall be entered in the following manner:

- i) The total price quoted must be inclusive of freight and insurance up to dismantling, shifting, re-fixing of old items, and entire refurbishment of existing 3 pass Horizontal smoke tube CT Boiler including installation of Industrial RO plant along with 05 years Post- Comprehensive warranty including testing, commissioning and Certification.

- ii) Prices quoted as above shall be valid for a minimum period of 90 days from last date for submission of the tender.
- iii) It must be clearly understood that the prices quoted in the tender are to include everything required to be done as per the specification and the conditions of tender and supply for the proper execution of supply/works although special mention thereof may have been omitted in the specification. The specifications indicated are for minimum and shall include accessories etc. to make the system fully operational. IMU KC has the right to change /increase / withdraw the quantities of any items in the tender prior to acceptance by the supplier of the work order issued by IMU KC.

1.5. Submission of the Proposal:

The tender submitted by the Bidder shall comprise the following and should be read in conjunction with any Amendments issued at the time of submission of bid. **Clause wise Compliance Statement is to be submitted as part of the Bid.**

1.5.1. Techno-commercial Bid:

- i) General / Administrative Documents
 - a. Covering Letter – on OEM letterhead, stating willingness to undertake the refurbishment work at IMU Kolkata on PAC basis.
 - b. Authorization Letter / Certificate –If the bid is submitted by an authorized service partner/dealer, OEM must issue a current authorization letter permitting them to quote and execute the work.
 - c. Valid OEM Registration Certificates (such as ISO/CE/ISI, if applicable).
 - d. GST Registration Certificate.
 - e. PAN Card copy of the OEM or authorized bidder.
 - f. Bank Account Details – Cancelled cheque and bank mandate form for payment purposes.
- ii) Technical Documents
 - a. Technical Compliance Sheet / Scope Confirmation – confirming the scope of refurbishment as per IMU's requirements.
 - b. OEM Warranty Declaration – confirming the warranty period after refurbishment
 - c. Certification – confirming compliance with applicable IBR/Boiler regulations.
- iii) Financial Documents (in same cover)
 - a. Price Bid / Quotation – in OEM letterhead, duly signed and sealed as per Price format in Annexure.

iv) **Declarations / Undertakings**

- a. Undertaking that the quoted work and parts are OEM-supplied / genuine.
- b. Undertaking that the price quoted is the lowest and not higher than the OEM's standard rate for government institutions and Price Reasonability Certificate and Fall Clause.
- c. Undertaking for timely completion of work within the agreed schedule.

1.6. Cost of Bidding:

The bidders shall bear all costs, efforts or their time associated with the preparation and submission of their bids and the IMU KC will in no case be responsible or liable for those costs / efforts / time, regardless of the conduct or outcome of the tendering process or the cancellation, if any, of tender by IMU KC, due to any reason whatsoever and at any stage of the tender (IMU KC is not responsible, if there is a cancellation even after Financial bid opening).

1.7. Completeness of Tender:

The Bidder is expected to examine all instructions, forms, terms, conditions and deliverables in the tender document. Failure to furnish all information required by the tender documents or submission of a tender offer not substantially responsive in every respect to the tender documents will be at the bidder's risk and may result in rejection of its tender offer. The tender offer is liable to be rejected outright without any intimation to the bidder if complete Information as called for in the tender document is not given therein, or if particulars asked for in the forms / proforma in the tender are not fully furnished.

1.8. Deadline for Submission of Proposals:

Tenders must be submitted through Offline Mode Only within the last date & time for submission, specified in the abstract. IMU KC may, at its sole discretion extend the date and time for submission of tenders. Any updates with regard to such extension or any other communication intended for the bidders / prospective bidders will be made only through IMU websites and CPPP E-Publishing Portal. Any tender received after the last date and time for submission of tenders prescribed will be rejected.

1.9. Late Proposal:

Any proposal received by IMU KC after the deadline for submission of proposals prescribed by IMU KC, will be rejected and kept as an unopened Tender.

1.10. Modification and withdrawal of bids:

- 1.10.1.** The bidder may be allowed to modify or to submit revised bid due to corrigendum, addendum, etc., issued by IMU KC, any time prior to the last date prescribed for receipt of bids, by giving a written notice to the IMU KC.

- 1.10.2. The bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in a manner similar to the original Proposal.
- 1.10.3. Subsequent to the last date for receipt of bids, no modification of bids shall be allowed. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the of bid validity period specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security/EMD.

1.11. IMU KC's Right to accept and to reject any or all proposals:

Notwithstanding anything else contained to contrary in this Tender Document, IMU KC reserves the right to accept or reject any Bid or to annul the bidding process fully or partially or modifying the same and to reject all Proposals at any time prior to the award of work, without incurring any liabilities in this regard.

1.12. Rejection of Bids:

The bids will be rejected on following grounds:

- 1.12.1. If any of the eligibility criteria as per the qualification criteria is not met
- 1.12.2. If tender terms and conditions are not met
- 1.12.3. If bidder gives wrong information in the bid
- 1.12.4. Canvassing in any form in connection with the bids
- 1.12.5. If the bid is incomplete /partial bid/ conditional/unclear in any form
- 1.12.6. Bids submitted after due date and time
- 1.12.7. Bids are submitted through Telex/Fax/ e-mail / by way of speed post/ courier
- 1.12.8. Erasure and/or overwriting (if not countersigned by authorized person)
- 1.12.9. Bids not signed by authorized signatory

1.13. Evaluation Process:

- 1.13.1. IMU KC shall evaluate the responses to the Notice Inviting Tenders and all supporting documents / documentary evidence. Inability to submit requisite supporting documents / documentary evidence, may lead to rejection.
- 1.13.2. The interpretation of the bids and the decision made by the IMU KC in the evaluation of responses to the Notice Inviting Tenders shall be final. No correspondence will be entertained outside the process of evaluation with IMU KC.
- 1.13.3. IMU KC reserves the right to request for meetings with the bidders to seek clarifications on their bids.
- 1.13.4. IMU KC reserves the right to reject any or all bids on the basis of any deviations.

- 1.13.5. Each of the responses shall be evaluated as per the criteria and requirements specified in this NIT.

1.14. Tender Evaluation:

1.14.1. Technical and Financial evaluation will be made based on documents submitted as requested and quoted Price inclusive of freight and insurance up to dismantling, shifting, entire refurbishment of existing 3 pass Horizontal smoke tube CT Boiler including installation of Industrial RO plant along with 05 years 3.5. Post Non Comprehensive Onsite warranty including testing, commissioning and Certification at IMU KC's Campus, excluding applicable GST.

- 1.14.2. **After successful evaluation of the techno-commercial bid and financial bid, the Work Order would be awarded to the bidder/OEM.**

GENERAL CONDITIONS OF CONTRACT:

2.1. Termination Clause:

- 2.1.1. In the event of the breach of any of the provisions of contract by the supplier, IMU KC shall have the right to terminate the tender summarily, at any stage.
- 2.1.2. In the event of IMU KC terminating the contract for breach by the supplier of any of the provisions thereof, the supplier shall be liable for any loss suffered by IMU KC up to the time of the termination of the contract.
- 2.1.3. In the event of the supplier's breach of any provision of this contract, resulting in its termination by IMU KC, the supplier shall be held liable for any loss suffered by IMU KC up to the time of the contract termination.
- 2.1.4. The supplier's liability for losses shall include, but not be limited to, direct damages, costs, and expenses incurred by IMU KC in connection with the breach and termination. IMU KC reserves the right to pursue any other remedies available under law or equity.
- 2.1.5. The liability of the supplier for losses shall not exceed the total contract value at the time of termination, unless otherwise agreed upon by both parties in writing.
- 2.1.6. The termination of the contract under this clause shall not waive or affect any other rights or remedies that IMU KC may have under this contract or applicable laws.
- 2.1.7. Both parties acknowledge the importance of promptly notifying each other of any potential breach and working together in good faith to resolve the issues before resorting to termination."
- 2.1.8. In the event of the death, insanity or insolvency of the supplier, IMU KC shall have the right to terminate the contract summarily and to purchase in the open market any Goods/ Services covered by the contract. In this case, the supplier shall not be liable for any excess in the price paid, for any such purchases over the tender price.
- 2.1.9. In the event of failure to carry out the work assigned under the contract to satisfaction on IMU- Kolkata, IMU-KC reserves the right to get the work done through alternative sources, at the risk and cost of the contractor.

2.2. Security Deposit:

- 2.2.1. The performance security deposit @ 10% of the total contract value would be deducted from the final payment, which would be refunded not later than 60 days after completion of the total tenure of the contract and warranty obligations thereof, if any.

2.3. Delivery Period:

The Complete Refurbishment Work must be completed in 90 Days after Placement of Contract.

2.4. Liquidated Damages:

If the successful bidder fails to execute the Supply/Works in all respects within the period specified or within such extended period as may be allowed, the successful bidder shall pay a sum equivalent to 0.5% of the value of the total tender price per week (Seven days) or part thereof subject to a maximum limit of 10% of the value of the each of the item tender as liquidated and ascertained damages.

IMU KC shall have the right to determine what the “amount payable/corresponding payment” for any step/activity is, and while the Successful Bidder has a right to represent/clarify, IMU KC’s determination of the same shall be final without prejudice to the Successful Bidder’s rights to seek alternative remedy through arbitration/Courts.

2.5. Post- Non Comprehensive Onsite warranty:

- 2.5.1. A Post Non-Comprehensive warranty for the supplied refurbishment of the entire equipment shall be provided by the supplier for a minimum of 5 year from the after completion of the standard warranty period. The supplier will be notified of any defect or claim arising under this warranty and the warranty support shall be provided at site of IMU KC Campuses.
- 2.5.2. If the supplier having been notified fails to rectify the defect within 7 days, IMU KC may proceed to take such remedial action as may be necessary at the supplier’s expense. The period that the equipment is out of commission / operation as a result of supplier’s failure to rectify the defects notified shall result in extension of the warranty period correspondingly and imposition of penalty **(Rs. 10000/- per instance which will be adjusted from the Security Deposit or any other dues to the supplier).**

2.6. Payment Terms:

- 2.6.1. The Tax Invoice raised by the supplier must be in compliance of relevant GST acts, rules & notifications made there under and should bear the **IMU KC GST Registration no. 19AAAI2610K1ZU**. The rate and amount of CGST, SGST, IGST and GST (Compensation to State) cess, related to supply of goods, shall be shown separately in tax invoice for each item of supply.
- 2.6.2. **Statutory variation:** If there is any statutory change in CGST & SGST or IGST within contractual delivery period, the same shall be admissible and will be paid at actual based on the documentary evidence. However, no upward revision in the same beyond original delivery period shall be admissible.
- 2.6.3. **Stages of Payment are as Follows:**

S No	Part-A	
1.	Dismantling work required for the refurbishment work	10% of the Contract Value
2.	After Completion of the required Supply of Material including RO Plant against the Invoice	50% of the Contract Value
3.	Fixing and Installation	20% of the Contract Value
4.	Testing, Certification and Commissioning	10% of the Contract Value
5.	Withheld Amount as Security Deposit	10% of the Contract Value
	Part-B	
1.	Post Non Comprehensive Warranty	On prorata Basis for every 3 months, after commencement of Post Non Comprehensive Warranty. Note: IMU-KC have the full right to undertake or not to undertake the said Warranty but bidder must offer the price against the said warranty.

2.7. Secrecy:

The Supplier shall not transfer any part or share of his responsibilities directly or indirectly to any person whomsoever without the written consent of IMU KC.

2.8. Force Majeure:

2.8.1. The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

2.8.2. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, earthquakes, meteorite strike, quarantine restrictions and freight embargoes.

2.8.3. If a Force Majeure situation arises, the Supplier shall promptly notify the IMU KC in writing of such conditions and the cause thereof. Unless otherwise directed by the IMU KC in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

2.9. Indemnity:

The selected bidder shall indemnify IMU KC from and against any costs, loss, damages, expense, claims including those from third parties or liabilities of any kind how-so-ever suffered including patent, copyright, trademark and trade secret, arising or incurred during and after the Contract period out of:

- 2.9.1. Negligence or wrongful act or omission by the Selected Bidder or its team or any Agency/ Third Party in connection with or incidental to this Contract; or
- 2.9.2. Any breach of any of the terms the Selected Bidder's Proposal as agreed, the Tender and this contract by the Selected Bidder, its Team or any Agency/ Third Party.
- 2.9.3. Bidder (the "Indemnifying Party") undertakes to indemnify the client (the "Indemnified Party") from and against all losses, claims for damages including losses, claims for damages on account of bodily injury, death or damage to tangible.
- 2.9.4. The indemnity shall be to the extent of 100% of project cost in favour of the IMU KC.

2.10. Arbitration & Jurisdiction:

Any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre ("IIAC") in accordance with the India International Arbitration Centre (Conduct of Arbitration) Regulations ("IIAC Regulation") for the time being in force, which regulation are deemed to be incorporated by reference in this clause.

The place/seat of the arbitration shall be Kolkata India

The Tribunal shall consist of three arbitrators.

The law governing the arbitration agreement shall be Indian Law.

The language of the arbitration shall be English.

Applicable Law:

The governing Law of the contract shall be Indian Law.

2.11. Code of Integrity:

The bidders/suppliers should sign a declaration about abiding by the Code of Integrity for Public Procurement in bid documents. In case of any transgression of this code, the bidder is not only liable to be removed from the list of registered suppliers, but it would be liable for other punitive actions such as cancellation of contracts, banning and blacklisting or action in Competition Commission of India, and so on.

2.11.1. Code of integrity for Public Procurement: The Purchaser as well as bidders, suppliers, contractors and consultants should observe the highest standard of ethics and should not indulge in the following prohibited practices, either directly or indirectly, at any stage during the procurement process or during execution of resultant contracts:

- i) “Corrupt practice”: making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;
- ii) “Fraudulent practice”: any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in execution of the contract;
- iii) “Anti-competitive practice”: any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;
- iv) “Coercive practice”: harming or threatening to harm, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
- v) “Conflict of interest”: participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of purchaser who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the purchaser with an intent to gain unfair advantage in the procurement process or for personal gain; and
- vi) “Obstructive practice”: materially impede the purchaser’s investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser’s Entity’s rights of audit or access to information;

SCOPE OF WORK:

3.1. Scope of Work: The following works are under the scope of Bidder.

1. Opening and Inspection after removing the insulation.
2. End Plates checking with gauging.
3. Dismantling of all Tubes (all 3 Passes)
4. Checking & gauging of tube plates (2).
5. Checking and gaging of Furnace.
6. All Mountings to be dismantled, serviced and make it working condition.
7. Fixing of new tubes (all 3 pass tubes) IBR Certified.
8. New Burner installed for LOO and HSD both.
9. Hydraulic pressure test after changing tubes.
10. Checking & replacement of electrical control panel devices, safety switches, alarms and trips.
11. Overhauling of Feed Pump, Fuel Tank, Fuel Pump, FD fan etc. thoroughly checking, oiling, greasing of all parts.
12. Painting, Insulation, Re-factory change of Gaskets etc.
13. Cleaning, Painting, filling of LDO with electrical operated pump to be fixed. So that pump will lift the LDO for oil service tank.
14. Replace the Mabray, Safety Valves with easing gear etc.
15. Chemical dosing to be done with tank & pump including chemical.

16. Hydraulic testing of Boiler, Inspection and obtaining certificate from CIB, WB and handing over to you.
17. After commissioning of the above boiler light up of the boiler and next day full firing and given steam test.
18. Supply of water tank with all connections (8 CUM}.
19. Misc. job which is not mentioned above will be charged extra.
20. Raising foundation of the Feed water pumps and fuel circulating pumps along with the necessary pipeline modifications.
21. Anti-Corrosive high heat resistant painting for the water side of the boiler.
22. IBR Certification by OEM is to be done before operationalisation of the Boiler.
23. Complete testing, Commissioning and IBR certification is under the scope of the Bidder Only, any Application fees for the IBR certification will be borne by the IMU-KC but required liaison with Boiler certification authorities and IMU-KC and assistance must be provided by the Bidder only.

INDUSTRIAL RO PLANT: Manual Water filtration Plant of capacity 200 LPH with Post-Treatment as per below specification along with necessary instrumentations.

RAW WATER REQUIREMENTS

Sl No	Parameter	Result	Unit
1.	TDS	600	PPM
2.	pH	6.5-6.8	

TREATED WATER PARAMETERS

Sl No	Parameter	Result	Unit
1.	TDS	100-150	PPM
2.	pH	6.5-7.5	

Treated Water Quality: The following will be treated water guaranteed at RO permeate tank for dispensing through vending machines. The treated water quality designed at the outlet of UV sterilizer is;

Sl No	Parameter	Units	Value
1	Ph		6.5-7.0
2	TSS	mg/L	Nil
3	Iron	mg/L	BDL
4	Bacteria	CFU	As per WHO standard
5	TDS	Mg/L	50 to 100

TECHNIAL SPECIFICATION

- 1 No Filter feed pumps of capacity 1000 LPH X 20mwc centrifugal mono block type complete with suction and discharge valves, NRV and pressure gauges and piping.
- 1 Set DMF unit constructed in FRP of size 12" X 48" complete with pressure vessel, internal distributors, frontal piping. MVP, pressure gauges, filtration media with all accessories.
- 1 Set ACF unit constructed in FRP of size 12" X 48" complete with pressure vessel, internal distributors, frontal piping. MVP, pressure gauges, filtration media with all accessories.
- 1 Set Softener unit constructed in FRP of size 10" X 35" complete with pressure vessel, internal distributors, frontal piping. MVP, pressure gauges, filtration media with all accessories.
- 1 Set RO-I Anti scalant dosing system comprising of electronic diaphragms operated dosing pump capacity 6.0 LPH, one PVC tank with necessary suction and discharge tubing.
- 1 Set RO-I system comprising of stainless steel skid RO modules with upvc pressure, tube 1 Nos of 4" diameter with 1 Nos membranes, SS 304 high pressure pump Make ALGO/CRI/Leo. Micron cartridge filter, upvc piping, Valves, Pressure switches, Rotameters and pen type Conductivity meter all complete.
- 1 No UV Sterilizer unit of capacity 250 LPH continuous working industrial model of with required piping and valves.
- 1 No treated water storage tank of capacity 500 Litre with required piping & valves.
- 1 Lot Inter connection pipes of UPVC and PVC as required for all units and devices connection to complete the system installation as per operational requirements.
- 1 Lot Commissioning chemical as required will be supply.
- 1 Lot Complete plant Installation & Commissioning.

3.2. Documentation:

3.2.1. The successful bidder shall provide IMU KC with necessary documents including the following:

1.14.2.1. Operational and Maintenance Manuals of equipment, along with detailed drawings of Equipment, assemblies, sub-assemblies, systems; Electrical wiring diagrams of panels, starters and control system.

1.14.2.2. Equipment serial numbers and models.

1.14.2.3. Test Certificates, Licenses if any. Certificates from authority during manufacturing

1.14.2.4. Manuals and Certificates of all materials and components.

1.14.2.5. Acceptance test results and acceptance status with certification from authority.

1.14.2.6. Training Material.

1.14.2.7. Full documentation with the software if any.

1.14.2.8. 3 sets of hardcopy of the above shall be handed over to nominated personnel of IMU KC. Soft copy of the documents shall also be provided where applicable. Handing over of documents to IMU KC by supplier is a pre-requisite for Acceptance.

1.14.2.9. Manuals for the instruments are to be supplied with respect to operation, maintenance, ordering spares / technical services.

3.3. Training and Support:

3.3.1. The supplier shall impart training to persons of IMU KC Campus part of installation. The training shall be imparted in a phased manner without disrupting the working of the each set. The training will be conducted as and when software/hardware upgraded or any other parameters altered by the Manufacturer/Supplier. Periodical refresher training may need to be imparted.

3.3.2. The supplier shall make his own arrangements for supplying training material, equipment's required for training etc.

3.4. Acceptance of Equipment:

3.4.1. The activity shall deem to have been completed with the completion of the entire scope of work regarding this tender at IMU KC. However, the completion shall be fulfilled only upon certification to this effect issued by IMU KC's Consignees i.e. the Director – IMU KC or his represented team.

3.4.2. Upon completion of Supply / work and after successful completion of other prerequisites like acceptance testing, certification, Training etc., as prescribed in this document, IMU KC shall receive a written undertaking from the supplier that the supply / works have been completed and accordingly a certificate of completion would be issued in respect of the supply/works. The warranty period for the supplied system would commence from the date of Acceptance by IMU KC. **Standards proposed to be followed in preparation of the Documents**

are to be specified in the Bid. If IETM is followed, the Level should be mentioned in the Bid.

- 3.4.3. The equipment should meet necessary local & national administration requirements with regard to safety of people. Necessary certificates must be provided validated by a competent body.
- 3.4.4. IMU may request a safety tests at site and full functionality demonstration on successful completion of the works.
- 3.4.5. The vendor apart from submitting valid documents and certificates to comply with safety norms / working practices as required by Govt. Of India / Govt. Of West Bengal, should also demonstrate working of the various safety interlocks upon installation.

To
 The Director,
 Indian Maritime University,
 P-19, Taratala Road
 Kolkata – 700088.

Dear Sir,

We hereby submit our Technical Bid for **“REFURBISHMENT OF EXISTING 3-PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS”**

Compliance Statement / Check List

Sl. No.	Item Description	Compliance to Specification Yes/No
1.	Whether the bidder could supply the “Boiler suitable for Marine Application and Associated Systems” as per the technical specification in Annexure I and as per NIT	
2.	Whether the bidder has submitted the Covering Letter – on OEM letterhead, stating willingness to undertake the refurbishment work at IMU Kolkata on PAC basis.	
3.	Whether the bidder has submitted the Authorization Letter / Certificate –If the bid is submitted by an authorized service partner/dealer, OEM must issue a current authorization letter permitting them to quote and execute the work.	
4.	Whether the bidder has submitted the Valid OEM Registration Certificates (such as ISO/CE/ISI, if applicable).	
5.	Whether the bidder has submitted the valid GST Registration Certificate and PAN	
6.	Whether the bidder has submitted the Bank Account Details – Cancelled cheque or bank mandate form for payment purposes	
7.	Whether the bidder has submitted the Technical Compliance Sheet / Scope Confirmation – confirming the scope of refurbishment as per IMU’s requirements	
8.	Whether the bidder has submitted the Detailed Work Plan / Methodology – describing how the refurbishment will be carried out (inspection, dismantling, replacement, testing,	

	commissioning, etc.).	
9.	Whether the bidder has submitted the OEM Warranty Declaration – confirming the warranty period after refurbishment	
10.	Whether the bidder has submitted the Experience / Credentials – copies of at least two similar refurbishment or service works carried out by OEM for the same make/model of boiler	
11.	Whether the bidder has submitted the Safety and Quality Assurance Statement – confirming compliance with applicable IBR/Boiler regulations (if applicable).	
12.	Whether the bidder has submitted the Undertaking that the quoted work and parts are OEM-supplied / genuine.	
13.	Whether the bidder has submitted the Undertaking that the price quoted is the lowest and not higher than the OEM's standard rate for government institutions and Price Reasonability Certificate and Fall Clause.	
14.	Whether the bidder has submitted the Undertaking for timely completion of work within the agreed schedule.	
15.	Whether the bidder has submitted the Price Bid / Quotation – in OEM letterhead, duly signed and sealed as per prescribed format	

I am also enclosing bidder memorandum and undertaking duly signed by me /us.

Declaration

I / We certify that all the particulars furnished above are true and correct and based on documentary evidence, and that I /we understand that if any of the above particulars is found to be false or misleading, our bid is liable to be summarily rejected at any stage and my /our firm is liable to be blacklisted / debarred by IMU for at least 3 years, in addition to any other right or remedy available to IMU including forfeiture of EMD, Security Deposit etc.

Date:

Signature with Seal of Authorized Signatory

Place:

OEM'S AUTHORISATION CERTIFICATE TO THE BIDDER

To
The Director,
Indian Maritime University,
P-19, Taratala Road,
Kolkata – 700088.

Ref: Tender No. **IMU-KC/BOILER/03/25-26 dated 15.10.2025**

Sir,

WHEREAS _____ who are official producers / authorized Sales and Service dealers, of _____ do hereby authorize _____ located at _____ (to submit a bid and sign Tender with you for resale and support of the following Products supplied by us, for the quantities, specifications and delivery schedule called for by the technical specifications associated with the above Invitation for Bids:

Product Description	Type

We hereby extend to you a full guarantee and warranty and maintenance support, availability of spares for 5 years from the date of submission of the tender, in accordance with the Conditions of Tender along with the standard product warranty, and duly authorize the Bidder to act on our behalf in fulfilling all warranty and support obligations with respect to the above-listed products offered for resale by the Bidder in relation to this Invitation for Bids.

Name _____ in the capacity of _____

Signed

Duly authorized to sign the authorization for and on behalf of _____

Dated on _____ day of _____

Note: This letter of authorization must be on the letterhead of the supplier, must be signed by a person competent and having the power of attorney to bind the supplier, and must be included by the Bidder in its bid.

FINANCIAL BID

Note: This Memorandum forms part of the Tender must be on the letterhead of the bidder, duly filled in, signed & sealed and enclosed along with the Tender.

To
The Director,
Indian Maritime University,
P-19, Taratala Road,
Kolkata – 700088.

Ref: Tender No. **IMU-KC/BOILER/03/25-26 dated 15.10.2025**

Sir,

WHEREAS _____ who are official producers / authorized Sales and Service dealers, of _____ do hereby authorize _____ located at _____ to submit a bid and sign Tender with you for sale and support of the following Products supplied by us, for the quantities, specifications and delivery schedule called for by the technical specifications associated with the above Invitation for Bids:

We hereby extend to you a full guarantee and warranty and annual maintenance support, availability of spares for the period covering warranty and annual maintenance contract period from the date of submission of the tender.

SIGNATURE.....

FOR AND ON BEHALF OF

DATE

Bill of Quantities (BOQ)

“REFURBISHMENT OF EXISTING 3-PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS” – ON PROPRIETARY ARTICLE CERTIFICATE (PAC) BASIS ”

as per the tender document complying with all the conditions stipulated in various parts of the tender documents including its annexure and schedules.

Sl. No	ITEM DESCRIPTION	Qty	Unit	Rate per unit (in Rs.)	GST rate and amount in Rs.	Sub Total including Unit Rate and GST (in Rs. Per unit)	Total Amount (in Rs.)
1	2	3	4	5	6	7=5+6	8=3x7
PART-A							
1.	Dismantling work required for the refurbishment work	01	Complete Job				
2.	Complete Refurbishment of Existing 3 pass horizontal smoke tube CT boiler	01	Complete Job				
3.	Testing, Certification and Commissioning	01	Complete Job				
4.	Supplying, Installation, and Commissioning of Industrial RO Plant	01	Complete Job				
	Total Amount in Figures of Part -A						
PART-B							
1	Post Non Comprehensive Warranty Note: IMU-KC have the full right to undertake or not to undertake the said Warranty but bidder must offer the price against the said warranty.	05	Years				
	Total Amount in Figures of Part -B						
	Total Amount in Figures of Part A + Part -B						
	Total Amount in Words						

Name							Signature
Place							

Your commercial offer in price bid is understood to be in line with the technical specifications provided above and meets the requirements. No alternate price for whatever reason should be offered in the price bid. If it is found so, your commercial offer may be disqualified which is at the sole discretion of IMU KC.

The net value of Price Bid would decide the L1 Vendor. The comprehensive AMC cost of the equipment would be considered for evaluation. However, order for the same would be placed after expiry of warranty.

Signature of the Tender

Date:

CODE OF INTEGRITY FORM

**Format for declaration by the Bidder for Code of Integrity & conflict of interest
(On the Letter Head of the Bidder)**

Ref. No: **IMU-KC/BOILER/03/25-26 dated 15.10.2025**

To,

(Name & address of the Purchaser)

Sir,

With reference to your Tender No. **IMU-KC/BOILER/03/25-26 dated 15.10.2025**

I/We, _____ hereby declare that we shall abide by the Code of Integrity for Public Procurement as per General Financial Rules 2017 (Rule 175) and have no conflict of interest.

The details of any previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- a
- b
- c

We undertake that we shall be liable for any punitive action in case of transgression/contravention of this code.

Thanking you,

Yours sincerely,

Signature

(Name of the Authorized
Signatory)

Company Seal

PROFORMA FOR PRICE REASONABILITY CERTIFICATE

(Company's/Firm Letterhead)

PRICE REASONABILITY CERTIFICATE

It is certified that the rates quoted **towards “REFURBISHMENT OF EXISTING 3-PASS HORIZONTAL SMOKE TUBE CT BOILER AT INDIAN MARITIME UNIVERSITY, KOLKATA CAMPUS” – ON PROPRIETARY ARTICLE CERTIFICATE (PAC) BASIS ”**, located at **P-19, Taratala Road, Kolkata – 700088** vide our bid No. _____ dated _____ for **INR** _____ **(Rupees** _____ **Only) (inclusive of all)** is exclusively for Government Institutions and are not more than as charged to other Government /PSU/Autonomous Body/Statutory Organization/Universities for same supplies made in recent past.

We would like to certify that the quoted price is the minimum and neither we have quoted the same item on lesser rates than those being offered to IMU Kolkata Campus, to any other customer for same made in recent past, and nor we will do so till the validity of offer or execution of Purchase/Work order, whichever is later.

If these rates are approved by the Director, IMU Kolkata Campus and if at any stage the quoted rates are found higher than the rates applicable to Government /PSU/Autonomous Body/Statutory Organization/Universities, then in such condition IMU Kolkata Campus will have the right to cancel the approved rates/Purchase/Work order and to take legal action against the undersigned.

Yours faithfully,

(Signature with date)

Name:

Designation:

Seal:

Duly authorized to sign tender/enquiry for and on behalf of: