

NITC/Hostels/ Smart Laundry/2024-25

Date: 06.02.2025

ADDENDUM NOTICE

This is in continuation to our Tender Notice No. **NITC/Hostels/ Smart Laundry/2024-25 dated 23.01.2025 for supply, installation testing and commissioning of 15 KLD Laundry waste water treatment plant**, which was published in the NITC website. The last date for submission of Tender is hereby extended til1 **13.02.2025, 05.00 PM**. Other terms and conditions specified in the quotation document will remain unchanged. The required documents should reach the following address no later than the above prescribed date and time.

Assistant Registrar (Hostel Administration)
NITC Hostel Office, NIT Calicut
Kozhikode, Kerala - 673601

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Assistant Registrar
Hostel Administration

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT HOSTELS

NIT Campus P.O, Kerala - 673601

Ph: 0495 2286951

Email: hostelpurchase@nitc.ac.in

Date: 23-01-2025

Sealed Quotations are invited for the supply of the Supply, Installation, Testing & Commissioning of 15 KLD Laundry Wastewater Treatment Plant based on Chemical Coagulation based technology with Ultrafiltration System given in Schedule C. **The tenderers are requested to send their price bids in sealed covers with the quotation number and last date for receipt of quotation superscribed.** Wherever indicated, samples may be furnished at the tenderer's expense unless otherwise specified. The tenderers are requested to follow the instruction given in Schedule A. This Institute cannot accept terms and conditions of payment other than the alternative given in Schedule B.

Quotation Reference No.	:	NITC/Hostels/Smart Laundry/2024-25
Last date of receipt of quotation	:	06.02.2025
Quote Rates should be valid upto	:	03 months
Address to which quotation is to be sent	:	Assistant Registrar (Hostel Administration) NITC Hostel Office, NIT Calicut Kozhikode, Kerala - 673601

SCHEDULE A - INSTRUCTIONS TO TENDERERS

- (a) This quotation notice invites quotations for the Supply, Installation, Testing & Commissioning of 15 KLD Laundry Wastewater Treatment Plant based on Chemical Coagulation based technology with Ultrafiltration System.
- (b) Quotations should contain the complete specification and brand names.
- (c) The vendor should provide a detailed service schedule, including any **AMC** (Annual Maintenance Contract) offers after the warranty expires.
- (d) During the warranty/amc period regular inspections and preventive maintenance.
- (e) The rate should be inclusive of GST, loading, unloading and transportation charges.
- (f) **The supplier/vendor should be a regular tax payer under Goods and Services Act 2017 and is required to provide their GSTIN in the quotation.**
- (g) **GST Taxpayers with an annual turnover exceeding 10 lakhs and above in the last 3 financial years are allowed to participate.**
- (h) **The tenderer should have executed similar kind of works for Government Departments, PSUs, Autonomous Institutes etc. earlier in supplying, installing, and servicing Supply, Installation, Testing & Commissioning of 15 KLD Laundry Wastewater Treatment Plant based on Chemical Coagulation based technology with Ultrafiltration System for a value of minimum Rs.20 Lakhs in any one of the previous three Financial years and the proof of the same should be submitted.**
- (i) **The tenderer must provide details of their experience, qualifications, and references in the relevant field.**
- (j) The tender must include a detailed breakdown of the cost for each item, including the installation, and any other applicable charges (transport, accessories, etc.).
- (k) All taxes, packing and forwarding charges (if any) and any other charges should be clearly shown
- (l) Period within which the items can be supplied of firm order should be clearly mentioned. Quotations containing conditions like "subject to prior sale" may not be considered.
- (m) Quotations received after the due date is liable to be rejected.

SCHEDULE B - CONDITIONS OF PAYMENT

One of the following conditions of payment should be accepted if the quotation is to be considered.

(a) 100% payment after the completion of work.

Normally, complete payment will be made within 45 days from the date of receipt/installation of the items in good condition.

(b) The supplier shall furnish Performance Security Deposit and Form Contract as follows:

- (i) In case of value of supply order above Rs.500000 with warranty for the item, furnish a performance security deposit@3% of the basic cost for the due fulfillment of the contract. This security shall be in the form of DD in favour of the Director, NIT Calicut payable at SBI, Calicut REC Branch (Code 2207) OR Bank Guarantee from any nationalized bank valid for a period of sixty days beyond the contractual obligations including warranty

(c) In case the supplier fails to deposit the required security by the due date, contract is liable to be cancelled without prejudice to taking any further action to recover damages for any loss sustained by THE DIRECTOR as result of supplier's refusal to abide by the terms of contract.

SCHEDULE C - Technical Specification

(See Annexure - I)

GENERAL TERMS AND CONDITIONS

Definition

- a. The term purchaser shall mean the Director of NITC.
- b. The term contractor shall mean the person, firm or company with whom or with which the order for the supply of stores is placed and shall be deemed to include the contractors successors, representatives, heirs, executors and administrators unless excluded by the contract.
- c. The term Purchase Order shall mean the communication signed on behalf of the terms and condition mentioned or referred to in the set communication accepting the tender or offer of the contractor for the supply of goods and services, plant, equipment or part thereof.
- d. The term stores shall mean what the contractor agrees to supply under the contract as specified in the purchase order.

1. All bids should be sent to the address: Assistant Registrar (Hostel Administration), Hostel office, NIT Calicut, Pin - 673601

2. Any Bidder from a country which shares a land border with India will be eligible to bid in tender only if the bidder is registered with Competent Authority as specified in order (Public procurement No 1) F.No. 6/18/2019-PPD dt. 23.07.2020 of Ministry of Finance, Public Procurement Division of Government of India. The vendor should enclose copy of valid registration by competent authority or a certificate regarding compliance with this order should be submitted by the bidder in the below format.

“ I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India ;I Certify that this bidder is not from such a country or if from such a country has been registered with the competent authority .I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered .*[Where applicable, evidence of valid registration by the Competent Authority shall be attached.]*”

3. The acceptance or rejection of tenders is left entirely to the discretion of the Director and no tenderer can demand the reason for the rejection of his offer. The Director does not bind himself to accept the lowest or any tender and reserves the right to split the tenders and place orders for the equipment covered by the lists on one or more tenders.

4. The supplier, immediately on intimation, shall furnish Performance Security Deposit as follows: Subject to a minimum of 3% of the basic cost and enter into agreement with the Director, National Institute of Technology Calicut (herein after referred to as THE DIRECTOR) for the due fulfillment of the contract. This security shall be in the form of cash or Bank guarantee valid for a period of 60 days beyond the date of completion of all contractual obligations including warranty. Failure on the part of the supplier to fulfill the contract shall constitute a breach of the terms and conditions of the tender and will entail forfeiture of the security money deposit.

5. In case the supplier fails to deposit the required security by the due date, the contract is liable to be cancelled without prejudice to taking any further action to recover damages for any loss sustained by THE DIRECTOR as a result of the supplier's refusal to abide by the terms of the contract.

6. Upon the complete fulfillment of the contract by the supplier to the satisfaction of THE DIRECTOR, the amount of the Security Deposit shall be returned

to him less the amount, if any, due by him to the Director.

7. No interest will be allowed on the earnest money or security deposits so remitted and no claim shall be entertained against the DIRECTOR in respect of the same.

8. **Prices:** The prices quoted should be firm in all respects and destination at NIT Calicut. Prices should be inclusive of all charges towards loading, unloading, transportation and installation at specified locations of NITC campus.

9. **Validity of rates:** Quoted rates must be valid for 90 days from the last date of submission of quotation.

10. **Genuine Pricing:** Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to NITs/IITs/Institutes and other Government Organization. Copy of the latest price list for the quoted item, applicable in India, must be uploaded with the offer.

11. **Period of supply :** If the bidder /supplier after accepting the purchase order for supply of goods/services fails to deliver the goods/services within the period specified in the Purchase Order NITC shall without prejudices to its other remedies under the rules of purchase proceed to cancel the order or agree to accept the delayed delivery on the condition of payment of liquidated damages by the bidder/supplier a sum equivalent to 0.5% of the total cost as indicated in the purchase order(which will be deemed as agreed price)for each week or part thereof delay until actual delivery or performance is completed and such penal charges shall be limited a maximum of 5% of the agreed price. Once the maximum is reached NITC may proceed on its own to consider the termination / cancelation of the order and may inform the bidder about the cancelation of the purchase order.

12. **GST:** GST Registration Certificate indicating also the GSTIN number of the firm must be clearly mentioned in the quotation, Certificates must be uploaded. GST Deduction at source as per Order/notification of the Govt. of India will be applicable. HSN/SAC No of the items must be clearly mentioned in the quotation along with GST Number.

13. Enquiry during the course of evaluation not allowed: No enquiry shall be made by the bidder(s) during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative (NIT Calicut) can make any enquiry/seek clarification from the bidders. In such a situation, the agency shall extend full co- operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period notice, as such the bidders have to be ready for the same.

14. **Force Majeure:** If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in

writing to the other party, and the events referred to are as follows: i) any law, statute or ordinance, order action or regulations of the Government of India, ii) Any kind of natural disaster, and iii) Strikes acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

15. **Termination for default:** Default is said to have occurred: i) If the equipment or any of its component is found having poor workmanship, faulty designs, poor

performance and bad quality of materials used, ii) If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by NITC, iii) If the supplier fails to perform any other obligation(s) under the contract and iv) Under the above circumstances NITC may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, NITC may at its discretion also take the following actions: NITC may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate NITC for any extra expenditure involved towards goods and services obtained. Besides, the Director, NITC, reserves the right to impose any other form of penalty as deemed fit including blacklisting of the vendor

16. **Terms of payment:** Being a central autonomous body the normal term of payments are by sight draft (within 45 days from the date of successful delivery, installation and commissioning/ acceptance of goods at NIT Calicut.) However other terms of payments like establishment of Letter of Credit may be considered by the purchaser on such terms and conditions as may be agreed upon.
17. Invoices in triplicate must have the following mandatory fields:
 - a. Invoice number and date
 - b. Customer name
 - c. Shipping and billing address
 - d. Customer and taxpayer's GSTIN (if registered)
 - e. Place of supply
 - f. Item details i.e. description, quantity (number), unit (meter, kg etc.), total value
 - g. Taxable value and discounts
 - h. [Rate](#) and amount of taxes i.e. CGST/ SGST/ IGST
 - i. Whether GST is payable on reverse charge basis
 - j. Signature of the supplier
 - k. PAN number should be indicated.

18. The payment shall be made online after supply and successful installation of Goods and effective completion of Service as the case may be. For this the supplier has to furnish two copies in the prescribed format provided along with the purchase order incorporating details of Name of the Firm, Registered address of the Firm, Nature of the account, Name of Bank, Bank Account No, IFSC Code, GSTIN etc. in Firm's letter head with Signature and seal of Authorized Signatory.

19. Conditional supplies and bills in contravention to the terms contained herein and in the purchase order shall not be accepted.

20. **Replacement:** If the stores for any portion thereof are damaged or lost during transit the purchaser shall give notice to the contractor setting for the particulars for such damages or loss during transit. The replacement of such stores shall be affected by the contractor within a reasonable time to avoid unnecessary delay in the indented usage of the stores

21. **Termination of contract:** The contract may be terminated by the following terms

- a. Failure to deliver the stores within the stipulated time
- b. Not complying any of the provisions of the contract.

22. **Rejection:** In the event that any of the stores supplied by the contractor is found defective in material or workmanship or otherwise not in conformity with requirement of contract and specification the purchaser shall either reject the stores or request the contractor in writing for the rectifying the same. Contractor, on receipt of such notification shall either rectify or replace the defective stores free of cost to the purchaser. If the contractor fails to do so, the purchaser may its option either

- I. Replace or rectify such defective store and recover the extra cost so involved from the contractor
- II. Terminate the contract for default.

23. **Bank charges:** While purchaser shall bear the bank charges payable to his banker (SBI), the contractor shall bear all the bank charges payable to his banker including amendment commission if any.

STANDARD TERMS AND CONDITIONS

1. The tenderer should submit quotation complete in all respect with technical specifications including pamphlets and catalogues. Preparation of the tender shall be in the format available in the tender.
2. Detailed schedule of activities to be carried out by the vendor while submitting the bids is indicated in the tender document.
3. The person attending the tender shall have to carry authorization letter from the tenderer and identification proof which may be produced on demand.
4. In the event of any date indicated above is declare as holiday the tender schedule shall be postponed accordingly.
5. In the case the tender cannot be opened on the days indicated in schedule due to technical difficulties tender will be opened on next working day or on the day the technical snag is set to right.
6. No request for extension for due date for submission of tender will be entertained
7. The offer made by Indian agent on behalf of their principals should be supported by the authorization of their principal
 - a. In the tender either the Indian agent on behalf of the principal/ OEM Principal/OEM itself can bid but both cannot bid simultaneously for the same item /product in the same tender.
 - b. If any agent submits bid on behalf of the principal/OEM the same agent shall not submit bid on behalf of another principal/OEM in the same tender or the same item/product.
8. We are exempted from customs duty and hence quote should be made exclusive of customs duty.
9. As per CGST notification no.45/2017 and 47/2017 this institute is entitled to avail concessional rate of GST @ 5% on all goods procured for research purpose. To this effect institute will issue a certificate duly signed by the head of the institution to the supplier for availing this concessional rate.
10. The authority of the persons signing the tender if called for shall be produced.
11. Instructions/ operation manual containing all assembly details including wiring diagrams should be sent where ever necessary in duplicate. All documents/ correspondences must contain English language. Bidder are also requested to furnish any additional information regarding technical specification if required by the institute on technical evaluation process.
12. The purchaser reserves the right to accept or reject the lowest or any offer in whole or part without assigning any reason.
13. It expressly agreed that the acceptance of the stores contracted for is subject to final approval in writing by the purchaser.
 - a. Part shipment is not allowed unless specifically agreed to by us.
 - b. As far as possible stores should be dispatched by Indian Flagged vessels/ Air India through an agency nominated by us.
14. Inspection/test certificate should be provided.
15. Where erection or assembly or commissioning is a part of the contract it should be done immediately on notification. The contractor shall be responsible for any loss/ damage sustained due to delay in fulfilling the responsible

List of Enclosures:

Proof of FINANCIAL Turn-over for previous years	
Copy of Registration Certificate	
Copy of PAN/GIR Card	
Copy of the IT return filed for the last FINANCIAL year	
Copy of GST Registration	
Work Experience of similar works during the previous years (List of firms where they have provided services and details of contact person(s))	
Price Bid	

Annexure – I

Supply, Installation, Testing & Commissioning of 15 KLD Laundry Wastewater Treatment Plant based on Chemical Coagulation based technology with Ultrafiltration System.

1. Treated Wastewater from the plant shall comply State Pollution Control Board Norms. Should be suitable for reuse for laundry purposes
2. By ensuring gravity wastewater inlet flow, an underground, closed RCC (M30) collection tank (Holding Capacity – 15 m³) comprising of a screen chamber and a grease chamber shall be constructed. Each chamber shall be provided with 2 numbers of 60 cm X60 cm FRP Manhole.
3. The collection tank shall be provided with of 60 cm X60 cm FRP Manholes.
4. Construction works shall include site clearing, excavation and backfill, bailing of water, centering, shuttering, 2 layer steel reinforcement, cement concrete works, etc.
5. Each Critical Equipment (Like Pumps, blowers, etc..) shall be provided with a standby Unit (1W+1S).
6. Screen shall be of made of SS304 Mesh to remove the floating coarse objects larger than 12 mm.
7. Pumps shall be submersible/self-priming Non Clog type with CI Casing, Bronze/ SS304 Impeller along with Motor, Pressure Gauge, Flow Meter, Non Return Valve and Isolation Valves on both suction & discharge lines. Make shall be KBL/WILO/CGL/Eqvt.
8. If required: Blowers shall be of Twin Lobe/Side Ring type with CI/Al Casing, CI/Bronze/SS304 rotors, along with Motor, NRV and Isolation Valve on the delivery line. Make shall be A1/Airvac/Yash/Eqvt.
9. If required: Diffusers shall be of Fine Bubble Tubular EPDM type with individual valves for ensuring equal air distribution. Make shall be Proflex/SSI/Scogen/Eqvt.
10. Chemical Coagulation System shall be constructed of Mild Steel sheets and supports coated with FRP inside and Epoxy outside. Sizing of such reactors shall be strictly based on process design calculations. Appropriate mixing provisions to be provided with robust rust-free accessories.
11. Filters shall be designed with 12 m/h velocity and UF shall be designed with 40 LMH Filtration Flux value. Appropriate prefilters to ensure long life of the UF membrane.
12. Dosing Pumps shall be of electronically actuated diaphragm type and dosing tanks shall be of cylindrical vertical type.
13. The chemical solutions shall be directly injected to the system at dosing points. Capacity of the dosing pumps shall be selected as per the design calculations and dosing tanks shall have 24 hours storage capacity. Dosing Pump's Make shall be Milton Roy/Initiative/Eqvt).
14. A Treated Wastewater Tank shall be provided with 1 hour HRT of the hourly flow rate. Treated Wastewater Tank shall be of Multilayered High Density Polyethylene (HDPE). Make shall be Sintex/Kaveri/Uno/Eqvt.
15. Pipes and fittings shall be of PVC for wastewater lines and cPVC for air lines. Pressure rating of the pipes & fittings shall be of at least 2.5 times of the design line pressure.
16. Supply, Installation, Testing and Commissioning of necessary pipes and fittings of cPVC/uPVC ASTM Sch.40 including solvents, joints, valves, sockets, couplings, elbows etc. Make shall be Astral/Supreme/Eqvt.
17. Wiring from the control panel to each electro mechanical item shall be in the scope of contractor. Make shall be Finolex/RR Kabel/Polycab/Eqvt.
18. Treatment Plant shall be operated automatically based on the levels in the collection tank. The control panel shall have the provision for automatic change-over of working & standby units based on time. The panel shall have Auto/Manual Operation Selection, Running &

Fault Indications and alarms, Overload/Single Phasing/Dry Run Protections, TOD meter, multifunction meters as required.

19. Entire Treatment plant shall be protected and covered with adequately sized room made of GI/Al sheets with access door.
20. Area Available- 500 sq. feet
21. Proper earthing, grounding of power equipments and panels should be ensured.
22. Cleaning and maintenance protocol to be made available.
23. Tool box with spanner set, plumbing tools, electrical maintenance tool box, first aid box etc should be made available at site.
24. Water quality testing on monthly basis should be ensured and will be reimbursed on actual along with monthly operating billing.
25. Adequate protection and training for operators to be ensured.
26. Initial NOC from Pollution control board if applicable.
27. Operation for 12 months & Monitoring with all necessary statutory compliance including maintaining proper registers and logs (Fees incurred in obtaining these approvals if required will be reimbursed as per actuals)
28. The operational costs along with break up of individual components including manpower consumables to be quoted separately. (Consumables to be capped at 10,000 INR per month as per actuals)

Price Bid

Quotation Ref. No.:

Last Date:

Sl.No.	Description of Goods (Attach necessary brochures)	Specification	Qty.	Unit	GST	Other Charges (if any)	Total Cost
GRAND TOTAL							

1. We agree to supply the above goods in accordance with the technical specification for a total contract price of Rs. _____ (amount in figures) (Rupees _____ only) (amount in words) within the period specified in the Invitation for Quotations.
2. We also confirm that commercial warranty/guarantee of _____ months shall apply to the offered goods from the date of installation/commissioning.
3. We undertake that in competing for (and if the award is made to us in executing) the above contract of supply of goods. We will strictly observe the laws against fraud and corruption in force in the Republic of India as required by National Institute of Technology Calicut.

Signature of the Bidder

Place:

Date:

Note:

1. Above tabular form is applicable while bids are being invited for more than one item and will be evaluated for all the items together. Modify the format accordingly where evaluation would be made for each item separately
2. Quotations should be submitted on the official stationery of the bidder)