



Ref. No.: IIIT-A/S&P/1699/2397/2025

Date : 11/03/2025

EXPRESSION OF INTEREST DOCUMENT (E.O.I)

Subject: Supply, deliver, storing at site, installation, testing & commissioning along with training, operation and non-comprehensive maintenance of proposed water treatment plant of capacity 1000 LPH during warranty and 4 years post warranty for Boys Hostel-5 at IIIT-Allahabad.

EOI issue Date : **11.03.2025**
Last Submission Date : **24.03.2025** at 12:00 PM
Opening Date & Time : **25.03.2025** at 03:00 PM

IIIT Allahabad, invites EOIs from prospective bidders ('Bidders') for the work Supply, deliver, storing at site, installation, testing & commissioning along with training, operation and non-comprehensive maintenance of proposed water treatment plant of capacity 1000 LPH during warranty and 4 years post warranty for Boys Hostel-5 in the campus.

The prospective Bidder after site visit and collecting necessary samples of water to be treated will carry out the scope of work in accordance with the site conditions Bidders who meet the pre-qualification criteria specified in this document will be short-listed to have comparison of cost between various prospective bidders. The Institute reserves the right to accept or reject any or all offers without assigning any reason thereto.

Introduction to the project

The project is introduced for improvement of water quality used for non potable and as well as domestic purpose at Boys hostel-5 in IIIT Allahabad by adopting suitable technology.

Indicative scope of work

Supply, delivery, storing at site, installation, testing & commissioning along with training, Operation and Non-comprehensive maintenance of Water Treatment Plant during warranty and 4 years post warranty AMC for Water Treatment Plant at Boys Hostel-5, IIIT Allahabad.

Instructions to Bidders

Bidders are advised to study all instructions, forms, terms, requirements and other information in the EOI documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the EOI documents with full understanding of its implications.

The response to this EOI should be full and complete in all respects. Failure to furnish all information required by the EOI documents or submission of a proposal not substantially responsive to the EOI documents in every respect will be at the Bidder's risk and may result in rejection of its proposal.

For better understanding of work, brief description of work as per our preliminary assessment are given for better understanding of the project. In this stage bidder are requested to propose their work description, with quoting rate, so that in later stage under detailed Notice Inviting Tender, complete scope of work and technical specification may be enclosed, so that bid may be evaluated on equal footing.

EOI proposal preparation costs & related issues

The Bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by the IIIT Allahabad to facilitate the evaluation process, unless explicitly specified to the contrary.

IIIT Allahabad will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

Pre-bid Meeting

The Chairman, CoW, IIIT Allahabad, with the prospective Bidders on 20/03/2025 at 03:00 p.m. at West Wing Meeting Hall No. 1404 Administrative building, IIIT Allahabad.

Responses to pre-bid queries and issue of corrigendum

- The IIIT Allahabad will endeavor to provide timely response to all queries. However, the department makes no representation or warranty as to the completeness or accuracy of any response made in good faith.
- At any time prior to the last date for receipt of bids, EOI inviting authority may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the EOI document by issuing a corrigendum.
- The corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the Institute website iiita.ac.in and emailed to all participants of the pre - bid conference. Any such corrigendum shall be deemed to be incorporated into this EOI.
- In order to afford prospective Bidders reasonable time in which to take the corrigendum into account in preparation of their bids, IIIT Allahabad may, at its discretion, extend the last date for the receipt of EOI Bids.

Right to terminate the EOI process

Director, IIIT Allahabad may terminate the EOI process at any time without assigning any reason. Director, IIIT Allahabad makes no commitments, expression or implied that this process will result in a business transaction with anyone.

Bid Submission Procedure

Proposal shall be submitted physically at Tender Drop Box, Purchase Section of IIIT Allahabad.

1. EOI shall be submitted in a single sealed envelope and superscripted <Name of the Work> and <Reference EOI Date>. This envelope should contain two separate sealed envelopes **Sr. No. 1.** Technical Bid and **Sr. No. 2.** Financial Bid. Duly sealed EOI are to be submitted in the office of the Deputy Registrar (S&P), Stores & Purchase Section of IIIT Allahabad on or before 24/03/2025 at 12:00 P.M.
2. EOI shall consist of supporting proofs and documents as defined in the Pre-qualification section.
3. Bidder shall submit all the required documents as mentioned in the tender documents. It should be ensured that various formats mentioned in this EOI should be adhered to and no changes in the format should be done.
4. Envelope should indicate clearly the name, address, telephone number, Email ID and fax number of the Bidder.

5. Each copy of the EOI should be a complete document and should be bound as a volume. The document should be page numbered, must contain the list of contents with page numbers and shall be initialed by an authorized representative of the Bidder.
6. Different copies must be bound separately.
7. EOI document submitted by the Bidder should be concise and contain only relevant information as required under the EOI Bids shall consist of supporting proofs and documents as defined in the Pre - qualification section.

Short listing criteria

IIIT Allahabad will shortlist Bidders who meet the pre-qualification criteria mentioned in this EOI. Any attempt by a bidder to influence the bid evaluation process may result in the rejection of its EOI proposal.

Evaluation Process

1. The Chairman, CoW, IIIT Allahabad, will constitute a committee to evaluate the responses of the Bidders in response to this EOI document.
2. Each of the responses shall be evaluated to validate compliance of the Bidders according to the pre-qualification criteria, forms and the supporting documents specified in this EOI document.
3. The decision of the Tender Committee / Central Purchase Committee in the evaluation of responses to the EOI shall be final. No correspondence will be entertained outside the evaluation process conducted by the Committee.
4. The Tender Committee / Central Purchase Committee may ask for meetings with the Bidders to evaluate its suitability for the assignment
5. The Tender Committee / Central Purchase Committee reserve the right to reject any or all proposals.

Pre-qualification evaluation criteria

1. PAN card
2. A valid and active G.S.T. registration certificate of contractor.
3. The work experience certificates of similar type, nature of work.
4. A list of works executed and in hand along with its cost & the addresses of the owners.
5. A Photostat copy of the partnership deed and power of attorney if any.
6. List of machinery and plants available with the tenderer for immediate use on the work.
7. The details of Technical Personnel on the roll of the tenderer.
8. The tender must be submitted physically.

[Important Note: Please note that omission to attach any document is likely, to invalidate the tender.]

Bidders are advised to note that the evaluation of techno-commercial bids will be based on the detailed examination of the submittals and would be carried out mainly on the basis of the following principal aspects of the techno-commercial bids.

- (i) Financial Strength
- (ii) Experience of Similar Class of work

- (iii) Performance of Work
- (iv) Personnel & Establishment
- (v) Plant and Equipment's.

Details Scope of works

- A. By conducting necessary tests the bidder has to calculate the capacity of proposed plant and decide the treatment for water quality for non-potable purpose and as well as domestic purpose at various hostels in Institute campus by adopting suitable technology.
- B. The bidder shall supply, delivery, storing at site, installation, testing & commissioning along with training, Operation and Non-comprehensive maintenance of Water Treatment Plant during warranty and 4 years post warranty AMC for Water Treatment Plant at IIIT Allahabad.
- C. Conditions for Non-Comprehensive Maintenance of water treatment plant during initial warranty period of 12 months after commissioning of the machine.
- D. No cost will be paid to agency during 1st year maintenance period after completion of installation.
- E. Normally, system shall be kept ready for working of 24 x 7.
- F. In this period agency will replace equipments if any defect found in any installed equipments.
- G. Downtime is defined as non-availability of equipment for its intended use. Maximum downtime allowed per year shall be 15 days or 360 Hrs including both schedule maintenance and failures.
- H. Beyond the above defined downtime, the penalty shall be @ Rs. 3,000/- per day.

Annual maintenance contract conditions.

AMC consists of cost of service Engineer for attending the recommended preventive maintenance schedule and Failure of WATER TREATMENT PLANT system. The cost of service Engineer under AMC shall be inclusive of all expenses viz. travel, boarding, lodging etc. Agency will provided all materials to repair / replace equipments if failure found.

AMC shall cover preventive (minimum 1 visit in Month) and break down repair of the equipment as and when required. Service Engineer shall report within 24 hours of intimation by the Chairman, CoW/ Warden, IIIT Allahabad.

Rates of AMC are to be quoted in Indian Rupees only and no price variation is permitted on AMC charges. (Including all taxes)

Agency should store spare materials at work site at least 15% of installed equipments for immediate problem solution.

Terms of Reference

Terms of reference for this EOI are as follows:-

- a. After EOI stage, Tender will be issued in Two part Bid system (1. Technical or Techno-Commercial and 2. Price Offer or Financial Bid) through CPP Portal as well as IIIT Allahabad website. The second stage bidding may or may not be restricted only to the shortlisted bidders of EOI stage. Normal OTE/GTE bidding may be done.
- b. Agency/firm, if found, to have indulged in any corrupt or fraudulent practices, their EOI document will not be considered.
- c. For technical queries related to enquiry, please contact to COW Office, Phone: 0532-2922112, Email- cow@iiita.ac.in
- d. For any other clarification you may contact Stores & Purchase Section (0532-2922051, 2217) or mail to info.purchase@iiita.ac.in.

- e. Director, Indian Institute of Information Technology Allahabad reserves the right to alter/cancel the process, if the necessity so arises, or to seek further information/details.
- f. For other queries pertaining to this EOI, correspondence to be addressed to:

Deputy Registrar (Store & Purchase)

Indian Institute of Information Technology Allahabad

Devghat, Jhalwa, Prayagraj -211015

Phone: +91 0532-2922061

Email: info.purchase@iiita.ac.in

DESIGN SPECIFICATIONS

Design, construction, supply, installation, testing and commissioning of water treatment plant 1000 LPH capacity with all civil, electrical and structural works (including Earth work excavation, Backfilling, Concrete RCC & PCC), piping, tanks, pumps, instruments as per requirements details in the tender document. Including approval for operation of the plant from authorities of IIT Allahabad.

Product water quality –

Appearance	- Crystal Clear
TDS	- As per MPCB norms for non potable use
PH	- 6.0 to 7.0
Turbidity	- As per MPCB norms for non potable use
TSS	- As per MPCB norms for non potable use
Hardness	- As per MPCB norms for non potable use
Source of Raw water Supply	- Ground water

Scope of work to be decided by bidder

Plant shall be maintained by supplier free of cost for first one year and supplier has to quote the cost of annual maintenance for next five years. The required power supply for running the plant will be provided at one point by Institute.

Mode of Payment

1.	After receipt of all the material on site	-	40%
2.	Installation and commissioning of plant	-	10%
3.	Testing of plant with all successful trials	-	10%
5.	Approval of Institute authorities	-	<u>40%</u>
			<u>100%</u>

Technical Specifications

1000 liter per hour (LPH) water treatment plant

Sl. No.	Particulars	Y/N	Remarks
1.	Flow rate: The plant should have a flow rate of 1000 LPH		
2.	Power: The plant may require 2.5 kW of power		
3.	Power supply: The plant may require 220 V or 380 V power supply		
4.	RO membrane: The plant may have four or more RO membranes, High TDS Membrane		
5.	Material: The plant may be made of stainless steel		
6.	Purification type: The plant may use reverse osmosis (RO)		
7.	Automation: The plant may be fully automatic		
8.	Filters: The plant may have a 5-micron filter, 100% activated carbon filter, sand filter, or other filters		
9.	Sensors: The plant may have sensors to automatically turn the plant on or off based on water level		
10.	Tank: The plant may have a Antimicrobial 2000 litres Silver foil insulated Sintex Pure tank or other higher quality type of tank		
11.	Pump: The plant may have a raw water feed pump		
12.	High Pressure Pump		
13.	Chemical dosing: The plant may have a dosing pump and chemical dosing		
14.	PH Enhancer Systems		
15.	CONTROL INSTRUMENTS: Flow Meter: 2 Nos. Pressure Gauge: 2 Unit LPS, HPS, TDS Meter: 1 Unit Each		
16.	UV Filter		
17.	Panel Box		

Financial Bid

Name of Work:-Supply, delivery, storing at site, installation, testing & commissioning along with training, Operation and Non-comprehensive maintenance of Water Treatment Plant for non potable use during warranty and 4 years post warranty AMC for Hostels in the campus.

Name of the						
<u>PRICE SCHEDULE</u>						
NUMBER	TEXT #	TEXT	NUMBER	NUMBER #	NUMBER #	TEXT #
No.	Item Description	Unit	Quantity	RATE In Figures To be entered by the Bidder in	AMOUNT	AMOUNT In Words
1	2	3	4	5	6	7
1	Design, construction, supply, installation, testing and commissioning of water treatment plant 1000 LPH capacity with all civil, electrical and structural works (including Earth work excavation, Backfilling, Concrete RCC & PCC), piping, tanks, pumps, instruments as per requirements details in the tender document. Including approval for operation of the plant from authorities of IIT Allahabad	No	1			
2	Annual Maintenance Cost	Year	Lumpsum			
	For first year after successful installation	Year	Lumpsum	NIL	0	
	For Second year after successful installation	Year	Lumpsum			
	For Third year after successful installation	Year	Lumpsum			
	For Forth year after successful installation	Year	Lumpsum			
	For Fifth year after successful installation	Year	Lumpsum			
Total in Figures (excluding GST)						
Add 18% for GST						
Total in Figures (including GST)						
Quoted Rate in Figures						
Quoted Rate in Words						

Date :-...../03/2025

Signature of the bidder