

	<p><b>Institute of Infrastructure, Technology, Research And Management</b>  (An Autonomous University, Established by Government of Gujarat)  IITRAM Campus, Parishkar Campus, Near Khokhra Circle,  Maninagar (East), Ahmedabad – 380026, Gujarat.  Phone: 079-67775430  e-Mail: <a href="mailto:office@iitram.ac.in">office@iitram.ac.in</a>  Website: <a href="http://www.iitram.ac.in">www.iitram.ac.in</a></p>
---	---

Tender No.: 2023/04

Date: 10.01.2023

**NOTICE INVITING TENDER**

**Important Information:**

Name of Item:	Providing, Supplying, Installing and Commissioning of 1000 LPH Capacity Industrial RO System at IITRAM under Buy Back Scheme
Date of Issue of Tender	10.01.2023
Tender Fee	Rs.1770/- (Including 18% GST) <i>(Non-Refundable)</i>
Earnest Money Deposit (EMD)	Rs.15,300/- <i>(Refundable)</i>
Last Date and Time for Online BID Submission	31.01.2023 till 06.00 PM
Last Date and Time for Physical BID Submission	01.02.2023 till 05.00 PM
Date and Time for Opening of Technical BID	<b>03.02.2023 at 11.30 AM</b>
Date and Time for Opening of Financial BID	<b>To be announced later through email</b>
Tender Inviting Authority and Address	The I/c. Registrar, Institute of Infrastructure, Technology, Research And Management, Near Khokhara Circle, Maninagar (East), Ahmedabad – 380026, Gujarat. Phone: - 079-67775430

# Institute of Infrastructure, Technology, Research And Management

## NOTICE INVITING TENDER

### **Inviting Quotations through e-Tender for Providing, Supplying, Installing and Commissioning of 1000 LPH Capacity Industrial RO System at IITRAM under Buy Back Scheme**

Sir,

The Institute of Infrastructure, Technology, Research And Management (IITRAM), Ahmedabad invites quotations for “**Providing, Supplying, Installing and Commissioning of 1000 LPH Capacity Industrial RO System at IITRAM under Buy Back Scheme**” under “Two bid system in e-Tender format.” Interested parties who wish to participate in this e-Tender may obtain the Tender documents from IITRAM website [www.iitram.ac.in](http://www.iitram.ac.in) or from <https://education.nprocure.com>. Firms have to submit the technical documents through RPAD, Speed Post or in Person till the last date and time prescribed for submission. Tender sent by other means will not be accepted in any case. Hardcopy of Tender Documents, Tender Fee, EMD and other essential documents should be submitted on or before **01.02.2023 till 05.00 PM** in the office of the IITRAM Room No. G2, IITRAM, Near Khokhara Circle, Maninagar (East), Ahmedabad-380026, Gujarat. Financial bid is to be submitted in electronic form only on (n)Procure Portal (<https://education.nprocure.com>).

#### **1. Eligibility Criteria:**

- 1.1 The firm should have PAN No. Enclose a copy of the PAN Card.
- 1.2 The firm should be registered with GST. Enclose a copy of the Registration No.
- 1.3 The firm has to submit at least last three years Income Tax Return of their firm.
- 1.4 The firm has to submit the Firm Registration Certificate.
- 1.5 Company should have minimum 50.00 Lakhs or more turnover (annually). The CA certificate must be enclosed.
- 1.6 The firm should be Original Manufacturer(OEM)/Dealer, and having assured service available in Ahmedabad City. However, the firm has to submit the Authorization Letter from the Original Equipment Manufacturer(OEM) on OEM’s letterhead.

#### **2. General Terms and Conditions:**

- 2.1 The quoted price shall include taxes, other levy payable, all freight, packing & forwarding, transportation, loading & unloading, custom duty, excise duty, any other duties, other charges (if any) to supply RO SYSTEM at IITRAM.
- 2.2 Rates quoted should also including training, installation, commissioning, erection and demonstration of RO System at our site.
- 2.3 The items for which quotation have been submitted must be in accordance with the specifications given in Annexure-I. **The bidder has to provide the make, model, and detailed**

**technical specifications of the quoted/offered item and attach a separate compliance sheet if any deviation compares to the technical specifications mentioned in Annexure-I.**

- 2.4 The rates quoted by the firm shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 2.5 The offer shall be valid up to 90 days from the date of opening of Technical Bid.
- 2.6 The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the scheduled tender are not fully filled in. Particular attention must be paid to delivery date and also to the particulars referred to in the condition of the contract.
- 2.7 Financial bids will be opened in online format of technically qualified bidders only.**
- 2.8 Tender not complying with the above conditions are liable to be rejected at the sole discretion of IITRAM without any further reference / communication.
- 2.9 This tender is not transferable.
- 2.10 IITRAM reserves the right to choose, accept or reject any or all requests/deviations/offers, in full or part and also reserve the right at any stage to reduce or increase the quantity and split the order.
- 2.11 The bidder has to submit photocopy of following documents along with duly signed & stamped manner:
- i. PAN Card
  - ii. Firm's Registration Certificate
  - iii. GST Registration Number
  - iv. Income Tax Return (Last three years')
  - v. This NIT Documents, Annexures, Appendix, etc.
  - vi. Company should have minimum 50.00 Lakhs or more turnover (annually). The CA certificate must be enclosed.
  - vii. Other documents as indicated in this tender notice.
- 2.12 **Performance Security:** The successful firm shall be required to deposit Performance Security from any Nationalized Bank @5% of the cost of the items to be supplied for the duration of warranty plus additional two months in favor of "IITRAM" within 30 days of the receipt of the Purchase Order. If the firm fails to comply with the above requirements within the said period, the EMD already deposited by him/ them shall be applicable for forfeiture and IITRAM shall purchase the items required at the risk and cost of the successful firm.
- 2.13 This Performance Security will be returned (without any interest) within 30 (Working) days after satisfactorily completion of warranty period.
- 2.14 The successful firm shall have to enter into the Agreement in the prescribed Performa provided by IITRAM. (In Rs.300 Stamp Paper).
- 2.15 **Inspection:** Pre-dispatch inspection at Bidders site or inspection after the delivery of goods, as the case may be.

- 2.16 **Inspection Charges** @0.5% within Gujarat State and Inspection Charges @1% for outside Gujarat State of the total order value should be borne by the bidder (*This amount will be deducted on the total amount of Purchase Order, excluding GST*)
- 2.17 All or any Claim(s), dispute(s) or difference(s) arising out of or in with connection with this agreement shall be subject to the jurisdiction of the Courts at Ahmedabad only.
- 2.18 Any loss or damage caused to the article in transit/Installation/Testing is to be made up item by the firm free of cost within period of 30 days.
- 2.19 **Minimum 02 (two) years of Comprehensive Annual Maintenance Contract(AMC) (including complete dosing, filters and membranes) after 01-year warranty period. If firm fails to comply this requirement during the period, Security Deposit deposited by the firm shall be forfeited and such firm shall be considered ineligible for work/contract in future.**
- 2.20 If the firm is blacklisted by Central Government or State Government or any other Government Body then it submitted tender will be rejected. It is essential for firm to submit **Appendix - I** duly filled, signed, sealed & stamped manner in hardcopy, **failing which the tender will be summarily rejected.**
- 2.21 **Bidder may visit IITRAM, Ahmedabad to check the condition of 500 Liters Capacity RO System. (for the sales item)**
- 2.22 If there happens to be a holiday on any date indicated in this tender notice, the transaction shall be performed on the next Working Day.
- 2.23 No firm shall withdraw his rates after the Tender is opened. If a firm does so, his tender related deposit/s shall be forfeited and such firm shall be considered ineligible for work/contract in future.

### **3. Submission of bid:**

- 3.1 The Tender document can be downloaded from [www.iitram.ac.in](http://www.iitram.ac.in) or <https://education.nprocure.com>. The fully filled in and complete in all respect Tender must be submitted with Tender Fee, EMD in the form of Demand Draft in separate cover in favor of the “IITRAM” payable at Ahmedabad.
- 3.2 Please mention Tender Number and Firm Name of Firm on back side of DD.
- 3.3 The EMD is refundable (without any interest) within 30 (Working) days after successful award of Purchase Order:
- 3.3.1 EMD of unsuccessful suppliers / vendors will be returned within 30 (Thirty) working days from the date of award of Purchase Order.**
- 3.3.2 EMD of successful supplier / vendor will be returned within 30 (Thirty) working days after submission of Performance Security.**
- 3.3.3 The EMD shall be forfeited:**
- If the bidder withdraws his bid during the validity period of the bid.
- 3.4 The firm has to submit the Tender in two parts viz., (a) Technical Bid in envelop No.1 and (b) Tender Fee & EMD in envelope No.2; both these envelopes should be sealed and put together in a main covering envelope, super scribed with, Please Don't Open, bid for ***“e-Tender for***

*Providing, Supplying, Installing and Commissioning of 1000 LPH Capacity Industrial RO System at IITRAM under Buy Back Scheme”* with due date, Tender Number and complete address with contact number and email id.

- 3.5 **The bidder has to provide the make, model, and detailed technical specifications of the quoted/offered item and attach a separate compliance sheet if any deviation compares to the technical specifications mentioned in Annexure-I. Without this information, bid submitted by the bidder will be rejected.**
- 3.6 Warranty certificate should be provided by Original Equipment Manufacturer (OEM) on OEM’s letter head.
- 3.7 **It is essential for firm to submit Annexures, Appendix & Tender documents (all pages) and other essential documents as indicated in this tender notice with duly filled, signed, sealed & stamped manner in hardcopy, failing which the firm tender will be summarily rejected.**
- 3.8 The firm has to submit financial quotation online only at (n)Procure Portal.
- 3.9 Price quoted “ONLINE” will only be considered for L1.

#### **4. Evaluation of Quotations:**

The tender evaluation committee of the IITRAM will evaluate and compare the received quotations to determine the substantially responsive tender i.e. (i) tender is complete (ii) properly signed (iii) confirm the terms/conditions and specifications. Further, the financial evaluation will be done only for the substantially responsive tender based on the following parameter(s):

- Total Price quoted at (n)Procure Portal

#### **5. Award of Contract:**

- 5.1 IITRAM will award the contract to the firm who has offered lowest price.
- 5.2 Notwithstanding the above, IITRAM reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations at any time prior to the award of contract without giving any reason.
- 5.3 The firm whose bid is accepted will be notified of the award of contract by the IITRAM prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the Purchase Order.

#### **6. Delivery & Installation Period & Penalty:**

- 6.1 **Delivery & Installation Period:** The RO SYSTEM are to be delivered and installed (including commissioning) within a maximum time limit of 60 days from the issue date of Purchase Order.
- 6.2 **Penalty:** Penalty of 1% per week of order value will be charged after duration specified above individually. Further, 06 weeks or above delay from above mention days may lead to cancellation of order at the discretion of the university and forfeiting of Performance Security/EMD or Maximum Penalty shall be applicable 10%.

## **7. Warranty:**

- 7.1 Minimum One-year complete warranty from the date of complete installation, commissioning and erection of all the RO SYSTEM at our site.
- 7.2 Warranty certificate should be provided by Original Equipment Manufacturer(OEM) on OEM's letter head.

## **8. Terms of Payment:**

- **Payment:** 100% payment in INR will be released against clear Tax Invoice through "CROSSED BANK CHEQUE" instrument within 30 days from successful delivery, installation and commissioning of RO SYSTEM at our site.

## **9. Address for the Physical Bid Submission:**

**The I/c. Registrar,  
Room No. G2,  
Institute of Infrastructure, Technology, Research And Management,  
Near Khokhara Circle, Maninagar (East), Ahmedabad- 380026.**

**I/c. Registrar**

## (Schedule of Quantity)

For New RO System PurchaseRO Plant Introduction: **1000 LPH Capacity**Total Quantity Required: **02 Nos.****Specification:**

End Water Quality:

1.	TDS	<150ppm
----	-----	---------

1.	RAW WATER TRANSFER PUMP		
	Quantity	:	One No.
	Type	:	Horizontal Type
	Make	:	Lubi /Shimage/KBL/ batter
	Contact Part	:	SS304
	Power consumption	:	1 HP
	Type of Drive	:	1 HP (3 Phase Supply)
	Capacity	:	>2000 LPH
	Discharge Pressure	:	1.0 – 3.0 kg/cm <sup>2</sup>
2.	PRESSURE SAND FILTER		
	Quantity	:	1 No.
	Type	:	Vertical with Automatic multiport valve type System
	M.O.C. of Vessel	:	FRP
	Make of Vessel	:	Starlight/Equiv.
	Diameter of Vessel	:	13 Inch
	Length of Vessel	:	54 Inch
	Capacity	:	>2000 LPH
	Frontal Pipe Work	:	UPVC
	Operating Pressure	:	3.0 kg/cm <sup>2</sup>
	Operation	:	Automatic Multiport valve
	Type of Valve	:	25 NB Top Mount Filter
	Filtering Media	:	Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.
3.	ACTIVATED CARBON FILTER		
	Quantity	:	1 No.
	Type	:	Vertical with Automatic multiport valve type System
	M.O.C. of Vessel	:	FRP
	Make of Vessel	:	Starlight/Equiv.
	Diameter of Vessel	:	13 Inch
	Length of Vessel	:	54 Inch
	Capacity	:	>2000 LPH
	Frontal Pipe Work	:	UPVC
	Operating Pressure	:	3.0 kg/cm <sup>2</sup>
	Operation	:	Automatic Multiport valve
	Type of Valve	:	25 NB Top Mount Filter

	Filtering Media	:	Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.
4.	ANTI – SCALANT DOSING SYSTEM		
	Quantity of Dosing pump	:	One No.
	Type	:	Electronic Metering
	Operating Capacity	:	0- 6 LPH @ 4-5 kg/cm <sup>2</sup> (pressure)
	MOC Of Pump	:	PP Head & Teflon Diaphragm
	Make of Pump	:	E-dose or batter
	Capacity of Dosing Tank	:	Adequate storage capacity
5.	MICRON CARTRIDGE FILTER		
	Quantity	:	2 No.
	Material of Cartridge	:	Poly Propylene or batter
	M.O.C. of Housing	:	PP
	Diameter of Cartridge	:	4.5 Inches
	Length of Cartridge	:	20 Inches
	Capacity	:	>2000 LPH
	Cartridge Rating	:	5 microns
	Frequency of change	:	Depend on turbidity of Raw water
6.	HIGH PRESSURE PUMP		
	Quantity	:	One No.
	Type	:	Vertical, Multi Stage, Centrifugal
	Make	:	LUBI / Shimage/KBL/ or batter
	Power Consumption	:	3 HP
	Type of drive	:	3 HP (3 Phase Supply)
	Capacity	:	3500 LPH
	Discharge Pressure	:	10-12 bar
7.	RO MODULE		
	Quantity	:	One Lot
	Item	:	RO Module consisting of Membrane Housing with RO membranes Mounted on skid.
	Type of Membrane	:	Thin Film Composite Polyamide
	MOC of Membrane	:	Polyamide
	Make of Membrane	:	Polymax/ LG/Hydranautis/ or batter
	Size of Membrane	:	4040
	No. of Membranes Required	:	4 No.
	MOC of Membrane Housing	:	FRP
	Size of Housing	:	4040
	No. of Housing Required	:	2 Nos.
	Operating Pressure	:	20 kg/cm <sup>2</sup>
	Recovery	:	>/= 40%
8.	SKID & CONTROL PANEL		
	Quantity	:	One Lot
	Control Panel	:	Aster/Infinity/ equivalent
	SKID MOC	:	SS304

INSTRUMENTS			
A	ROTAMETER		
	Quantity	:	Two Nos.
	Make	:	CWC / Equiv.
	Location	:	RO Product flow RO Reject Flow
B	PRESSURE GAUGE		



	Quantity	:	04
	Range	:	0-3 kg/cm <sup>2</sup> , 0-7 kg/cm <sup>2</sup> & 0- 21 kg/cm <sup>2</sup>
C	HIGH & LOW PRESSURE SWITCH		
	Quantity	:	1 – 1
	Location	:	After and before high pressure pump
D	PRESSURE CONTROL VALVE	:	
	Location	:	At Reject water line
	Quantity	:	1 No.
E	ELECTRONIC CONTROL PANEL		
	Type	:	Fully Automatic
	TDS Meter	:	Online TDS in Panel
F	PIPELINE		
	MOC		UPVC

**Note:**

- **Minimum 02 (two) years of comprehensive Annual Maintenance Contract (including complete dosing, filters and membranes) after 01-year warranty period. During the period, the firm shall provide the services onsite.**

**FORMAT FOR SUBMISSION OF COMPANY DETAILS (DATA SHEET)**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details to be filled by the Organization</b>
1	Name of the Company	
2	Registered Office Address Telephone Number Fax Number e-Mail	
3	Correspondence Address Telephone Number Fax Number e-Mail:	
4	Details of the authorized person (Name, designation, address) Telephone Number Fax Number e-Mail:	
5	Is the firm - <ul style="list-style-type: none"><li>• Government/ Public Sector Undertaking</li><li>• Proprietary Firm</li><li>• Partnership firm (if yes, give partnership deed)</li><li>• Limited company or Limited Corporation</li><li>• Member of a group of companies (if yes, give name and address and description of other companies)</li><li>• Subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project.</li></ul>	
6	Goods & Service Tax Number (GST):	
7	Permanent Account Number (PAN) of the firm.	

**Seal & Signature of Company**

**Date:** \_\_\_\_\_

**Place:** \_\_\_\_\_

**FINANCIAL BID**

**(Format for Submission of Financial Details)**  
**(Data Sheet to be submitted ONLY Online at (n)Procure Portal)**

Sr. No.	Name of Items	Qty.	Rate (Without GST)	Total Amount (INR)	Applicable GST Slab Rate (%)
A	B	C	D	E = (C*D)	F
<b>New Item Purchase</b>					
<b>I</b>	Providing, Supplying, Installing and Commissioning of 1000 Liters Capacity Industrial RO System at IITRAM  <u><b>Including</b></u> Additional Conditions: 2 years of comprehensive AMC (including complete dosing, filters and membranes) after 01 year warranty period.	02 Nos.			
<b>Old Item Sales</b>					
<b>II</b>	Rate for sales of Central Water Purifying System - 500 Liters Capacity  Date of Installation of RO System: <u>25.11.2016</u>  Quote your rates for buy back scheme	02 Nos.			
<b>Total Amount (I – II)</b>					
Note: 1) The total amount for Lowest (L1) shall be considered on Serial No. (I) <i>minus</i> (II) total amount <i>i.e. I – II = Total</i> 2) GST will be calculated as per the slab rate quoted by the supplier for purchase and sales.					

This table of financial bid is stated for reference purpose only and please do not disclose any price here at the time of submission of this document.

**Note:**

- Bidder may visit IITRAM, Ahmedabad to check the condition of 500 Liters (LPH) Capacity RO System.

**Declaration:**

I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in this NIT.

**Seal & Signature of Company**

Date: \_\_\_\_\_

Place: \_\_\_\_\_

*(To be printed on Firm's Letter Head)*

**Appendix - I**

**UNDERTAKING**

I, \_\_\_\_\_ hereby declare that Firm / Company / Agency / Organization / Partnership firm / Proprietary firm titled as \_\_\_\_\_ has not been blacklisted or banned or debarred at any stage from inception till this date by any of the NITs / IITs / IIITs / Central Universities / IISERs / CSIR Labs Central and State Government body / PSUs / Autonomous Institute or any Other Government Organization. In case of the any fraudulency, the Firm / Company / Agency / Organization / Partnership firm / Proprietary firm is fully aware that the tender / contract will be rejected / cancelled by IITRAM and EMD / Performance Security or any deposited amount shall be forfeited.

In addition to above, IITRAM will not be responsible to pay the bills for any completed / partially completed/supplied work.

**Seal and Signature of Company**

**Date:** \_\_\_\_\_

**Place:** \_\_\_\_\_