



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Kukatpally, Hyderabad – 500 085 TELANGANA (INDIA)

Tender Notice No. JNTUH/ED/HBD/5551/2025-26, Dated 15-04-2025

- 1) Name of the work : **Supply and install of Reverse Osmosis Plants 250 LPH – 2 Nos and 100 LPH – 6 Nos in College premises of JNTUH, College of Engineering Science & Technology, Kukatpally, Hyderabad” is under Phase-II work.**
- 2) Estimate Contract value of work put to tender : **Rs. 12,00,000.00**
- 3) Period of completion of work : **Within 15 days of placement of Purchase Order for entire quantity.**
- 4) Form of contract / class of contractor eligible : **LUMPSUM**

(i)	Registered Firms/Agencies
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- 5) E.M.D. to be paid to be paid online for **Rs. 12,000/- (Rupees Twelve thousands only)** in favour of **Registrar JNTUH HYDERABAD** : **Rs. 12,000.00**
- 6) Bid Submission Start Date & Time : **From 17/04/2025 (5.00 PM)**
- 7) Bid Submission Closing End Date & Time : **02/05/2025 up to 5.00 PM**
- 8) PQI Stage : **02/05/2025 up to 5.01 PM**
- 9) Commercial Stage : **02/05/2025 up to 5.02 PM**
- 10) **Processing Fee (non-refundable)** through : **Rs. 5,900/-**
online in favour of **Registrar JNTUH UDF Account, SBI Account No. 62175251545, IFS code: SBIN0021008, Branch JNTU Campus, Kukatpally**

2 a) The bidders need to contact the **Chief Engineer, JNTUH KUKATPALLY, HYDERABAD** for information.

The Department of Chief Engineer, Engineering Department, JNTUH Kukataply, Hyderabad, invites tenders from reputed Annual Maintenance Contract Registered Firms/Agencies with Government of Telangana for Purchase and install **Supply and install of Reverse Osmosis Plants 250 LPH – 2 Nos and 100 LPH – 6 Nos in College premises of JNTUH, College of Engineering Science & Technology, Kukatpally, Hyderabad” is under Phase-II work.**

TENDER NOTIFICATION

Tender are invited from the Manufacturers and Tender Specific Authorized Dealers for the Supply and Installation of following items JNTUH, College of Engineering Science & Technology, Kukatpally, Hyderabad” is under Phase-II.

Sl.No.	Description	Quantity	Warranty
1	Supplying and fixing of reverse osmosis drinking water plant 250LPH semi-automatic type as per IS 10500 etc. Complete for finished item of work with the following specification mentioned below and supply, delivery of Stainless Steel Tank 500 Lts Grade 304L, 0.6mm thickness with stand etc., complete item of the work	2 Nos	One year
2	Supplying and fixing of reverse osmosis drinking water plant 100LPH semi-automatic type as per IS 10500 etc. Complete for finished item of work with the following specification mentioned below complete item of the work	6 Nos	
3	Supplying, Installation and Commosioning of water cooler with capacity of 100 ltr of Blue Star/Usha/Voltas/Aqua guard etc.,	8 Nos	
4	Supply and Fixing of 500 ltrs PVC water double layer tank with stand. suitable including Inlet and out let pipe line to the RO system including the cost of pipe& fittings of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work.	1 No	

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION FOR 250 LPH CAPACITY		
Supplying and fixing of reverse osmosis drinking water plant 250LPH semi automatic type as per IS 10500 etc. Complete for finished item of work with the following specification mentioned below and supply, delivery of Stainless Steel Tank 500 Lts Grade 304L, 0.6mm thickness with stand etc., complete item of the work		
FILTER FEED PUMP		
No. off	One	
Capacity	1.0 m3/hr @ 30 MWC	
Motor rating HP	1	
Material of Construction	SS	
SAND / CARBON FILTER		
No. off	one	
Diameter	13"	
Height on straight	54"	
Normal flow rate	1.00 M3/hr	
MOC	FRP Pentair/Aventura/equalent	
Filter media- Sand	Green Sand, Ordinary sand.	
Filter media- Carbon	Activated Carbon.	
ANTISCALANT DOSING SYSTEM		
No. off	One	
Capacity of the tank	100 L	
MOC of the tank	HDPE	
No. of dosing pump	One	
Hold up period	24 hrs.	
Dosing pump capacity	1-4 LPH	
Type of dosing pump	Electronic diaphragm with manual control dosing	
Material of Construction of Pump	PP	
Inter connecting piping /valves	PVC/PP	
Make of pump	Asia-LMI/UKL/e- dose	
RO UNIT-stage-1		
Normal permeate flow	250 LPH	
No. of elements/Model	2/BW- 30-40-40	
Type of membranes	TFC (Film Tech) / hydronautics/GE	
% Permeate recovery	50%	
Salt rejection, element	99%	

No. of pressure tubes	One		
MOC of pressure tubes	FRP		
No. of High Pressure Pumps	One		
Capacity	1.0 m3/hr @ 12.5 Kg/cm2		
Motor rating HP	1.5 or 2		
Make	CRI/Nanfung/Lubi/LEO		
No. of Micron Filters	Two		
Capacity	1.0 m3/hr		
Size of cartridge	20"		
MOC of the Housing	PP		
Porosity of the cartridge	5 micron cartridge filter		
UV STERILIZER			
No. off	One		
Capacity	250 LPH		
No. of Quartz tubes & Lamps	One		
Power	39 watts		
MOC	SS, Philips		
		2 Nos	155000/- 310000/-

TECHNICAL SPECIFICATION FOR 100 LPH CAPACITY			
FILTER FEED PUMP			
Supplying and fixing of reverse osmosis drinking water plant 100LPH semi-automatic type as per IS 10500 etc. Complete for finished item of work with the following specification mentioned below complete item of the work			
No. off	One		
Capacity	1.0 m3/hr @ 30 MWC		
Motor rating HP	1		
Material of Construction	SS		
SAND / CARBON FILTER			
No. off	one		
Diameter	13"		
Height on straight	54"		
Normal flow rate	1.00 M3/hr		
MOC	FRP Pentair/Aventura/equalent		
Filter media- Sand	Green Sand, Ordinary sand.		
Filter media- Carbon	Activated Carbon.		
ANTISCALANT DOSING SYSTEM			
No. off	One		

Capacity of the tank	100 L		
MOC of the tank	HDPE		
No. of dosing pump	One		
Hold up period	24 hrs.		
Dosing pump capacity	1-4 LPH		
Type of dosing pump	Electronic diaphragm with manual control dosing		
Material of Construction of Pump	PP		
Inter connecting piping /valves	PVC/PP		
Make of pump	Asia-LMI/UKL/e- dose		
RO UNIT-stage-1			
Normal permeate flow	100 LPH		
No. of elements/Model	2/BW- 30-40-40		
Type of membranes	TFC (Film Tech) / hydronautics/GE		
% Permeate recovery	50%		
Salt rejection, element	99%		
No. of pressure tubes	One		
MOC of pressure tubes	FRP		
No. of High Pressure Pumps	One		
Capacity	1.0 m3/hr @ 12.5 Kg/cm2		
Motor rating HP	1.5 or 2		
Make	CRI/Nanfong/Lubi/LEO		
No. of Micron Filters	Two		
Capacity	1.0 m3/hr		
Size of cartridge	20"		
MOC of the Housing	PP		
Porosity of the cartridge	5 micron cartridge filter		
UV STERILIZER			
No. off	One		
Capacity	100LPH		
No. of Quartz tubes & Lamps	One		
Power	39 watts		
MOC	SS, Philips		
		6 Nos	65000/-
			390000/-

Supplying, Installation and Commissioning of water cooler with capacity of 100 ltr of Blue Star/Usha/Voltas/Aqua guard etc.,			
Product Specifications			
Brand	Blue Star/ Usha		
Body Material	Stainless Steel		
Cold Water Storage Capacity	100 L		
Compressor Type	RECIP		
Cooling Capacity	80 L/hr		
Cooling Power Consumption	1550 W		
Current	2.8 Amp		
Dimensions	75.5x57.5x124 cm		
Gross Capacity	100 L		
Hot Water Storage Capacity	80 L/hr		
Item Code	SDLX80120		
Modes	Hot & Cold		
Number of Faucets	2		
Refrigerant	R134A		
Weight	62 kg		
	8 Nos	60000/-	480000/-

Supply and Fixing of 500 ltrs PVC water double layer tank with stand. suitable including Inlet and out let pipe line to the RO system including the cost of pipe& fittings of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work Blue Star/ Usha			
	1 No	20000/-	20000/-
	Total Amount Rs.		1200000/-

GENERAL CONDITIONS:

- Two bid system: Part I** – Technical bid – consisting of all technical details wherever applicable. **Part-II** – Financial bid – indicating price for the item mentioned in the technical bid along with commercial terms and conditions.
- The bids are evaluated strictly in terms of the technical specifications desired here in this document, and no improvisation of technical advantages, which might be attributed to any equipment, is not taken into consideration. Only those technical bids which are perfectly matching to the specification issued here are considered for the opening of the financial bid and the lowest of the bids are considered for the award of the purchase order in case if the University desires to procure. Date and Time of opening of the technical bids will be intimated to those firms whose technical bids were found successful.

3. **List of current users:** List of current users of the quoted or an equivalent model in India should be provided.
4. If you are an authorized Registered Firms/Agencies, please enclose the Registered Firms/Agencies certificate.
5. **Registration Nos.:** Firms should mention their GST, PAN registration numbers etc., on the quotations wherever applicable.
6. **Agreement:** The supplier has to enter into a agreement with Chief Engineer, Jawaharlal Nehru Technological University Hyderabad. The order will be executed only upon fulfilling the agreement. Copy of the agreement form will be sent along with the Work Order.
7. The JNTUH Kukatpally, Hyderabad, reserves the right to reject any/ all tender or accept any offer part thereof without giving any reasons. The decisions of the JNTUH Kukatpally, Hyderabad in this matter will be final.
8. **Validity of the rates:** The rates quoted must be valid for at least twelve months from the date of the due date of the quotations.
9. JNTUH Kukatpally, Hyderabad will not be held responsible for postal/courier delay.
10. **Acceptance quotations:** The University reserves the right to reject or partially accept any or all the quotations received without assigning any reason.
11. E.M.D. to be paid to be paid online for **Rs. 12,000/- (Rupees Twelve thousands only)** in favour of **Registrar JNTUH HYDERABAD**
12. Process fee of **Rs. 5,900/-** payable through online in favour of Registrar **JNTUH UDF Account**, SBI Account No: **62175251545**, IFS Code: SBIN0021008, Branch: JNTU CAMPUS, Kukatpally. Receipt/Acknowledgment of online payment for processing the tender must upload in e Tender Platform. (copy of the pool may be enclosed). Failing which the tender will not be considered.
13. **Payment will be done only after satisfactory Maintenance contract upon the satisfactory.**
14. Full payment will be released on delivery, installation and successful commissioning of the items/instruments/equipment (to be certified by concerned Laboratory , and on submission of bills. in duplicate and on furnishing performance Bank Guarantee for 10% of the purchase order valid for a period of 60 days beyond the warranty period. No advance payment will be made in any case and no proposal for documents through Bank will be considered. Hence, no preference will be given for such advance payment proposal. The defective, substandard and contrary to the specifications instruments supplied have to be replaced by the supplier at their cost and responsibility. No advance payment will be made.
15. **The other terms & conditions:** Will be as per JNTUH Kukatpally, Hyderabad purchase procedure.
16. **Arbitration:** Any dispute arising out of this contract shall be referred to the JNTUH Kukatpally, Hyderabad, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of the Arbitrator, who should be acceptable to both the parties, to be appointed by the Vice-Chancellor of the University. The decision of such Arbitrator shall be final and binding on

both the parties. All disputes are to be settled within the jurisdiction of Hyderabad courts.

17. **Charges payable to TSTS, payable at Hyderabad:** Corpus fund charges towards eProcurement @ 0.04% of the ECV with a cap of Rs.10000 for all works with ECV up to Rs.50.00 Crores and Rs.25,000 for works with ECV above Rs.50.00 Crores from successful bidder payable in favour of **Managing Director, TSTS**, payable at Hyderabad at the time of concluding agreement.
18. The tender should be addressed to **The Chief Engineer, Engineering Department, JNTUH, Kukatpally, Hyderabad – 500085.**

Clarifications if any may be sought from the undersigned **only** through our email chiefengineerjntuh@gmail.com before submission of the bids.

Sd/-
Chief Engineer,
JNTUH Kukatpally,
Hyderabad

C. SUBMISSION OF TENDERS

- 1 The bidders who are desirous of participating in eprocurement shall submit their technical bids, price bids etc., through online in the standard proscribed in the tender documents, displayed at e market place. The bidders should upload the scanned copies of all the relevant certificates, documents etc., in the e market place in support of their technical bids. The bidders shall sign on all the statements, documents, certificates, uploaded by him, owning responsibility for their correctness/authenticity.
- 1 The tenderer shall invariably furnish the original DD of the processing fee to the tender inviting authority before opening Price bids either personally or through courier or by post and the receipt of the same within the stipulated time shall be the responsibility of the tenderer. Department will not take any responsibility for any delay or non-receipt. Failure to furnish the original DD before Price bid opening will entail rejection of bid and blacklisting.
- 1. Last date / time for Submission of the Tenders.**
 - 1.1 Tenders must be submitted not later than the date and time specified in NIT. In the event of the specified date / time for the submission of bids declared as holiday, the bids will be received on the next working day.
 - 1.2 The Chief Engineer may extend the dates for issue and receipt of Tenders by issuing an amendment in which case all rights and obligations of the Chief Engineer and the Tenderers will remain same as previously.

2. Late Tenders.

- 2.1 Any Tender received after the last date / time prescribed in NIT will be summarily rejected.

3. Modification to the Tender.

No Tender shall be modified after the last date /time of submission of Tenders.

D. TENDER OPENING AND EVALUATION

4. Tender opening

- 4.1 The tenderers or their authorized representatives can be present at the time of opening of the tenders. Either the tenderer himself or one of his representative with proper authorization only will be allowed at the time of tender opening. If any of the tenderer is not present at the time of opening of tenders, the tender opening authority will, on opening the tender of the absentee tenderer, reads out and record the deficiencies if any, which shall be binding on the tenderer.

5. Examination of technical Bids and Determination of Responsiveness

- 5.1 The Chief Engineer will evaluate whether each Tenderer is satisfying the eligibility criteria prescribed in the tender document and declares them as a qualified Tenderer.
- 5.2 If the technical bid of a Tenderer is not satisfying any of the eligibility criteria it will be rejected by the Chief Engineer. However, the tender accepting authority detects any error in the evaluation of Tenders by Chief Engineer, the tender accepting authority while returning the tenders may direct the Chief Engineer or Chief Engineer as the case may be, to re-evaluate the tenders.
- 5.3 If any alteration is made by the tenderer in the tender documents, the conditions of the contract, the drawings, specifications or statements / formats or quantities the tender will be rejected.

6. Price Bid Opening:

- 6.1 Only the Price Bids of qualified Tenderers who's technical Bids are found satisfying the eligibility criteria shall be opened in the presence of the qualified Tenderers or their authorized representatives present on the date and time fixed. The bid offers are read out and minutes recorded and the signatures of the Tenderers present are taken in the minutes.
- 6.2 The Price Bid of the Unqualified Tenderers will not be opened and there after E.M.D. will be returned to the tenderers.

6.3 Tenders shall be scrutinized in accordance with the conditions stipulated in the Tender document. In case of any discrepancy of non-adherence Conditions the Tender accepting authority shall communicate the same which will be binding both on the tender Opening authority and the Tenderer. In case of any ambiguity, the decision taken by the Tender Accepting Authority on tenders shall be final.

7. Evaluation and Comparison of Price Bids

7.1 The Chief Engineer will evaluate and compare the price bids of all the qualified Tenderers.

7.2 Negotiations at any level are strictly prohibited. However, good gesture rebate, if offered by the lowest tenderer prior to finalization of tenders may be accepted by the tender accepting authority.

7.3 Selection of Tenderer among the lowest & equally quoted tenderers will be in the following orders:

- a) The tenderer whose bid capacity is higher will be selected.
- b) In case the bid capacity is also same the tenderer whose annual turnover is more will be preferred.
- c) Even if the criteria incidentally become the same, the turnover on similar works and thereafter machinery available for the work and then the clean track record will be considered for selection.

8. Discrepancy in Tender percentage quoted.

8.1 In case of any discrepancy between the overall tender percentage quoted in words and figures, the percentage quoted in words shall prevail. In case the tenderer has quoted overall tender percentage only in words and not in figures or vice versa, such tender shall be treated as incomplete and rejected.

9. Process to be Confidential.

9.1 Information relating to the examination, clarification, evaluation and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced by the tender accepting authority. Any effort by a Tenderer to influence the processing of Tenders or award decisions may result in the rejection of his Tender.

9.2 No Tenderer shall contact the Chief Engineer any authority concerned with finalization of tenders on any matter relating to its Tender from the time of the Tender opening to the time the Contract is awarded. If the Tenderer wishes to

bring additional information to the notice of the Chief Engineer, it should do so in writing.

- 9.3 Before recommending / accepting the tender, the tender recommending / accepting authority shall verify the correctness of certificates submitted to meet the eligibility criteria and specifically experience. The authenticated agreements of previous works executed by the lowest tenderer shall be called for.

E. AWARD OF CONTRACT

10. Award Criteria

- 10.1 The Chief Engineer will award or recommend to the competent tender accepting authority for award of the contract to the Tenderer who is found technically qualified as per the Tender conditions and whose price bid is lowest.
- 10.2 The tender accepting authority reserves the right to accept or reject any Tender or all tenders and to cancel the Tendering process, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the reasons for such action.

11. Notification of Award and Signing of Agreement.

- 11.1 The Tenderer whose Tender has been accepted will be notified of the award of the work by the Chief Engineer, prior to expiration of the Tender validity period by registered letter. This letter (hereinafter and in the Conditions of Contract called "Letter of Acceptance") will indicate the sum that the Government will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Amount").
- 11.2 When a tender is to be accepted the concerned tenderer shall attend the office of the Chief Engineer concerned on the date fixed in the Letter of acceptance. Upon intimation being given by the Chief Engineer, of acceptance of his tender, the tenderers shall make payment of the balance E.M.D., and additional security deposit wherever needed by way of Demand Draft or unconditional and irrevocable Bank Guarantee obtained from a Nationalized with a validity period of months, and sign an agreement in the form prescribed by the department for the due fulfillment of the contract. Failure to attend the Chief Engineer's office on the date fixed, in the written intimation, to enter into the required agreement shall entail forfeiture of the Earnest Money deposited. The written agreement to be entered into between the contractor and the Government shall be the foundation of the rights and obligations of both the parties and the contract shall not be deemed to be complete until the agreement has first been signed by the

contractor and then by the proper officer authorized to enter into contract on behalf of the Government.

- 11.3 The successful tenderer has to sign an agreement within a period of 15 days from the date of receipt of communication of acceptance of his tender. On failure to do so his tender will be cancelled duly forfeiting the E.M.D., paid by him without issuing any further notice and action will be initiated for black listing the tenderer.

12. Corrupt or Fraudulent Practices

- 12.1 The Government requires that the bidders / suppliers / contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Government

(a) define for the purposes of the provision, the terms set forth below as follows:

- (i) "corrupt practices" means the offering, giving, receiving or soliciting of anything of value to influence the action of a Government official in procurement process or in contract execution: and
- (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish in Tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition.

(b) Will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

(c) Will blacklist / or debar a firm, either indefinitely or for a stated period of time, if at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a Government Contract.

(d) Furthermore, Tenderers shall be aware of the provisions stated in the General Conditions of Contract.

FORMS OF TENDER
QUALIFICATION INFORMATION
Annexure –I
CHECKLIST TO ACCOMPANY THE TENDER

S.No	Description	Submitted in Cover 'A'	Page No. (see Note below)
1	2	3	4
1	Copy of Contractors valid Registered Firm/Agencies, Manufacturer Certificate/Authorized dealer certificate if applicable	Yes / No	
2	Site visit by the bidder is mandatory and site visit certificate obtained from the Chief Engineer need to be uploaded	Yes / No	
3	Copy of PAN Card	Yes / No	
4	Copy of Latest I T returns	Yes / No	
5	Copy of Telangana state GST Registration	Yes / No	
6	Copy of Latest GST returns	Yes / No	
7	Information of Litigation history in Statement VII	Yes / No	
8	Process fee of Rs. 5,900/- payable through online in favour of Registrar JNTUH UDF Account , SBI Account No: 62175251545 , IFS Code: SBIN0021008, Branch: JNTU CAMPUS, Kukatpally. Receipt/Acknowledgment of online payment for processing the tender must upload in e Tender Platform. (copy of the proof may be enclosed). Failing which the tender will not be considered.	Yes / No	
9	E.M.D. to be paid to be paid online for Rs. 12,000/- (Rupees Twelve thousands only) in favour of Registrar JNTUH HYDERABAD	Yes / No	
10	Any other documents	optional	

Notes:-

- All the statements copies of the certificates, documents etc., enclosed to the Technical bid shall be given page numbers on the right corner of each certificate, which will be indicated in column (4) against each item. The statements furnished shall be in the formats appended to the tender document.
- The information shall be filled-in by the Tenderer in the checklist and shall be enclosed to the Technical bid for the purposes of verification as well as evaluation of the tenderer's Compliance to the qualification criteria as provided in the Tender document. All the Certificates, documents, statements as per check-list shall be submitted by the tenderer in sealed Cover "A".

DECLARATION

I / WE have gone through carefully all the Tender conditions and solemnly declare that I / we will abide by any penal action such as disqualification or black listing or determination of contract or any other action deemed fit, taken by, the Department against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

I / WE hereby declare that, I / WE have not been blacklisted / debarred / Suspended / demoted in any department in Telangana/ Andhra Pradesh or in any State due to any reasons.

Signature of the Tenderer

STATEMENT - VII

Information on litigation history in which Tenderer is the Petitioner.

S. No	Case No. / Year	Court where filed.	Subject Matter / Prayer in the case.	Respondents i.e., SE / CE	Present Stage.
1	2	3	4	5	6

Signature of the Tenderer

CONDITIONS OF CONTRACT

A. GENERAL

1. Interpretation:

- 1.1 In interpreting these Conditions of Contract, singular also means plural, male also means female, and vice-versa. Headings have no significance. Works have their normal meaning under the language of the contract unless specifically defined. The Engineers-in-charge will provide instructions clarifying queries about the conditions of Contract.
- 1.2 The documents forming the Contract shall be interpreted in the following order of priority:
- 1) Agreement
 - 2) Letter of Acceptance, notice to proceed with the works
 - 3) Contractor's Tender (Technical bid)
 - 4) Conditions of contract
 - 5) Specifications
 - 6) Any other document listed as forming part of the Contract.

2. GST (Goods & Service Tax):

- 2.1 The Rates of agreement items of works are exclusive of GST. The percentage quoted by the contractor is exclusive of **Goods & Services Tax (GST)**.

Goods & Services Tax (GST) during the currency of the contract deduction towards TELANGANA GST, while making payments to the contractor.