

**CENTRAL UNIVERSITY OF****KARNATAKA***(Established by an Act of the  
Parliament in 2009)*

No.CUK/Tender/2018-19/LWPS/06

Date: 14-03-2019

**TENDER NOTICE FOR SUPPLY OF LAB WATER PURIFICATION SYSTEM  
(THROUGH E-PROCUREMENT MODE)**

Online electronic bids are hereby invited for and on behalf of Central University of Karnataka, for supply delivery and of **Lab water purification system** for Central University of Karnataka (as per Annexure-1) as briefly described hereunder:

1.	Name of the Equipment	Supply, delivery and installation of Lab water purification system (as per Annexure-1).
2.	Bid submission mode	Online through e-procurement mode on Central Public Procurement portal Two packet system: Packet 1 -Techno-Commercial Bid <b>and</b> Packet 2 - Financial Bid
3.	i) Earnest Money Deposit Rs. 30,000/-	Payable through Demand Draft drawn on any nationalized bank in favour of <b>“Central University of Karnataka”</b> payable at Kalaburagi. The DDs should be sent to “The Registrar, Central University of Karnataka, Kadaganchi - 585367, Kalaburagi District” in sealed envelope by super scribing as “DDs for Lab water purification system Tender”. The DDs shall reach on or before the date and time of bid opening. <b>OR</b> Online payment Account Number: 5109101000001 Bank: Canara Bank IFSC: CNRB0005109 Bank Address: Canara Bank, Central University of Karnataka, Kadaganchi – 585367 Kalaburagi district, Karnataka, INDIA
4.	Date and time of availability of bid document in the portal.	From 16.00 Hrs. of 14.03.2019 to 16.00 Hrs. of 04.04.2019
5.	Last date and time for submission of bids through	16.00 Hrs. of 04.04.2019
6.	Date and time of opening technical bids.	16.30 Hrs. of 05.04.2019

**A. Instructions to Bidders**

1. Bids are to be submitted online through e-Procurement portal of the Central Public Procurement Portal (CPP portal).
  1. Bids submitted offline will not be considered.
  2. Bidders are instructed to read and understand the eligibility criteria and terms and conditions.
  3. Tender processing fee and EMD is Payable through Demand Draft drawn on any nationalized bank in favour of “**Central University of Karnataka**” payable at Kalaburagi. The DDs should be sent to “The Registrar, Central University of Karnataka, Kadaganchi -585367, Kalaburagi District” in sealed envelope by super scribing as “DDs for Lab water purification system” tender. The DDs shall reach on or before the date and time of bid opening.

**OR** through Online payment

Account Number: 5109101000001 Bank: Canara Bank

IFSC: CNRB0005109

Bank Address:

Canara Bank,

Central University of Karnataka,

Kadaganchi – 585367, Kalaburagi district, Karnataka, INDIA

4. EMD of the unsuccessful bidders will be refunded after opening the financial bids and EMD of the successful bidder will be refunded after successful installation and testing.
5. To avail the concessions available to Micro and Small enterprises, such bidders are required to upload, the registration certificate issued by NSIC.
6. Bidders are advised to submit the tender strictly based on the terms and conditions and specification contained in the Tender Document. Conditional bids will be summarily rejected.

**B. Eligibility of the bidders**

1. The bidder shall be registered company/firm (Proprietorship or authorized dealer)
2. Bids can be submitted by original equipment manufacturers or authorized dealers of Lab water purification system.
3. The bidder shall not be black listed by any Govt./Semi Govt./Private Institution.
4. The bidder shall be free from the encumbrance and there shall not be any vigilance case/ CBI case/ Court Case pending against the bidder.
5. The firm should be registered with the Income Tax, GST Tax and other required statutory registrations.
6. The firm should have an experience of at least 3 years in supply of Lab water purification system.
7. Average annual turnover during the past three years (2015-16 to 2017-18) should be at least Rs. 24,00,000/-.

8. The bidder should enclose audited financial statements and income tax returns for the three financial years from (2015-16 to 2017-18).
9. List of clients served highlighting Government organizations along with contact numbers and work order copies to be furnished.
10. The bidder should produce the evidence of supplying Lab water purification system or similar equipment to any of the Government organization during the last two years (2016-17 to 2017-18).

**C. Each Bidder shall upload the following digitally signed documents**

**Packet I**

1. Duly filled in Annexures I & II
2. Firm registration certificate.
3. Sales Tax Registration Certificate, GST, PAN Card and NSIC certificate if necessary
4. OEM / Authorized Dealership Certificate from principal,
5. Audited Profit and Loss for last 3 financial years from 2015-16 to 2017-18.
6. ITRs for the last three years (from the Assessment Year 2016-17 to 2018-19).
7. Work orders/purchase orders from reputed organizations to meet the eligibility requirements.
8. Brochure / leaflet of the Lab water purification system.

**Packet II**

1. Annexure III – Financial Bid

**D. Terms and conditions**

1. Bids can be submitted directly from Original Equipment Manufacturer (OEM) or authorized dealer of the equipment given in Annexure -I
2. Bidder should provide valid registration numbers pertaining to income tax, GST tax etc.
3. Incomplete bids will be summarily rejected.
4. Technical literature/brochures of the quoted model explaining all specifications including circuit diagrams should be enclosed with the quotation should be uploaded. Detailed operational manual (both electronic and printed versions) should be provided with the equipment. All the documents should be in English.
5. The supplier must ensure that all the specifications being offered in the quotation will be met by the equipment supplied. **The supplier must submit a table indicating the compliance of the features of the quoted model with those given in Annexure - I.** If any feature is not matching, it should be justified.
6. Minimum of **three years warranty** is required on the main equipment and accessories from the date of installation.
7. Spare parts should be supplied with the instrument.

8. Details of installation, commissioning and training of the equipment must be specified. (Attach separate sheet for these details with signature and seal)
9. Installation and commissioning should be made by the manufacturer or its Indian representative. The Indian representative should have well proven service capability on similar systems and should have service engineers trained by manufacturer for after sale support. Details of the service support in terms of service centres with address and telephone number, service engineers with names and experiences, response time during warranty and afterwards should be provided with the offer.
10. Utility and installation requirements (Electrical power, space, water line, plumbing support etc.) should be clearly mentioned in quotation.
11. Price quoted should inclusive of all taxes, transportation, installation and on-site training charges.
12. Price quoted should be CIF for delivery at CUK Campus, Kadaganchi, Kalaburagi District, including all taxes, customs duty (if applicable), and transportation.
13. Documentary evidences of system performance should be provided along with the submitted technical bid.
14. The supplier should provide a list of users from Government institutions in India as well as from abroad. Confirmation of the claim should be supported by at least three users of specified model.
15. Quotation validity should be at least for 120 days.
16. Time required for delivery after issue of the purchase order or LC whichever is later, should be provided.
17. EMD of the unsuccessful bidders will be refunded after opening the financial bids.
18. The supplier shall provide security deposit of 10% of the total value of the contract either in cash or Bank guaranty for the warranty period.
19. The University reserves the right to postpone and/or extend the date of receipt or to withdraw the tender notice or not to place the order or to place order for part or full quantities without assigning any reason thereof at any stage of the tender. In such an event, bidders shall not be entitled to any compensation, in any form whatsoever.
20. Canvassing in connection with the tender is strictly prohibited and the bids submitted by such bidders indulging in such practices are liable to be rejected. CUK reserves the right to debar the firm for minimum one year as per the Company policy.
21. Any legal action taken or proceeding initiated on any of the terms of the agreement shall be only in Kalaburagi jurisdiction.
22. If tender opening day happens to be holiday, the next working day will be treated as tender opening.

**E. Payment terms**

1. For domestic companies, payment will be made after successful installation of item through Cheque or online transfer within 30 days.
2. For foreign companies, payment will be made through one of the following options:
  - i. Irrevocable letter of credit (L/C) for 90 days. Name and address of company on whose L/C will be opened should be clearly mentioned.
  - ii. Electronic transfer after 30 days from the date of installation of the equipment.

**Registrar**

Central University of Karnataka

## Annexure I – Technical Specifications

### Technical Specification for the Lab Water Purification System

Parameter	Detailed Specifications	Compliance/ Remark
<b>Pre-filter</b>	<b>Pre-filtration System, with</b> Two stage purification having 5 micron & 1 micron depth filters with retention efficiency greater than 80%, enclosed in a polypropylene housing.	
	DC diaphragm pump to boost water pressure, with built in sensor & VFD , 0-2 pressure at 120L /hr, inlet screen filter to DC pump.	
	Unit should be wall mountable to save lab space	
	First Stage: Should consist of a single pretreatment pack having 1 micron depth filter, anti-scaling compound and silver impregnated activated carbon. The pack should also have RFID tag for proper traceability.	
	Second Stage: Should consist of polyamide composite reverse osmosis membrane with rejection efficiency of 94 – 99%.	
	Third Stage: Should consist of self-regenerating electrodeionisation module for removal of ions and organics from RO water. The electrodeionisation module should have an inbuilt mechanism of preventing scale formation at cathode.	
	Low pressure switch & high pressure switch to cut-off the system when this there is no water in the inlet.	
	Should have pump with unique temperature feed- back mechanism to ensure constant flow rate irrespective of external temperature.	
	Optional filters: Prefiltration Unit should have an option to use Cellulose carbon cartridge 10 inch Code X Cartridge to remove highly particulate loaded tap water due to seasonal change.	
	Should have pretreatment cartridge with anti-scaling compound, 0.5micron filter and activated carbon.	
	Should have a safety mechanism after RO to divert low quality permeate to drain and thus protect downstream purification cartridges.	
	Should have Conductivity cells before and after RO would provide the efficiency of the membrane in rejecting the contaminants as well as the permeate water quality.	
	Should provide Reservoir tank for Type II water to be stored in 50 Liter Tank	
	There must be Sensor rod float switch, programmed to have high and low level cut off based on water level in the tank and also. Should possess a tank vent filter made of soda lime, activated carbon and 0.22 micron hydrophobic membrane to trap contaminants present in atmospheric air.	

	System should be capable of producing 15 MOhm resistivity with pretreatment cartridge, Reverse Osmosis, Electro Deionization with feed water acceptance of up to 2000micro Siemens conductivity, Fouling Index (SDI) < 12, Total Chlorine < 3 ppm. Central University of Karnataka gets water supply from neighbouring dam & from ground water, which is muddy and having salts, so system should be capable of performing with this quality of water.	
<b>Type-II Water (De-ionized water)</b>	System should be able to handle water with high salt percentage (i.e. hard water) and high conductivity and should be able to deliver following Type-II water quality. Resistivity : > 5 (10- 15 ) Mega Ohms @ 25 <sup>0</sup> C TOC : < 30 ppb Flow Rate : 3 L/hr Conductivity: < 0.2 μS/cm Silica Content: > 99.9 % retention	
<b>Type-I Water (Ultrapure water)</b>	Should consist of single Purification pack tailored to specific feed water source containing mixed bed ion exchange resin/ micro filter / activated carbon. This should be followed by 0.22 micron membrane filter in disc stacking.	
	Type I water should be produced from two stage mixed bed ion exchange and activated carbon cartridge, and an option for final filter.	
	Type I system should have different final filters for Applications sensitive to bacteria, particulates, pyrogens, nucleases, endocrine disruptors or Volatile Organic Compounds.	
	Ultrapure Water (Type 1) Flow Rate : > 1.5Liter/Minute (Program) Ultrapure Water Resistivity : > 18 MΩ·cm at 25°C Microorganisms/Bacteria level : < 0.1 cfu/mL Particulates < 0.22 μm ( / mL) < 1 Pyrogens/Endotoxins free <0.001EU/ml, DNase <0.4pg/micro liter, RNase <0.003ng/ml,	

**Other Conditions:**

- 1. Three years on site comprehensive warranty with 3 years free AMC.**
- 2. Complete installation and demonstration should be provided.**
- 3. Undertaking for providing required spares for the equipment.**

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

Name: \_\_\_\_\_

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

Designation: \_\_\_\_\_

Seal:

**Annexure II**  
**Tender Application and Declaration Form**

1. Name of the Firm: .....
2. Full Postal Address:.....
3. Mobile No. ....
4. Telephone No. ....
5. Fax No.....
6. E.mail Id:.....
7. Date of Establishment of Firm.....
8. Registration No. of Firm:.....
9. Is your firm participating as original equipment manufacturer (OEM) or Authorized dealer? .....
10. Give details of any Government contracts executed during the last twelve months (attach separate sheet, if necessary):.....
11. Details of the tender fee and EMD

Particulars	Amount	Date	Bank	UT/DD No.
EMD	Rs. 30,000			

**UNDERTAKING**

- a) I the undersigned certify that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with all the terms and conditions mentioned in the tender document.
- b) The rates quoted by me are valid and binding upon me for the entire period of contract.
- c) I hereby undertake to supply the items as per specifications given in the tender document/supply order within stipulated period, if I qualify in the tendering process.
- d) I give the rights to the Central University of Karnataka to forfeit the earnest money paid by me if any delay occurs on my part or if I fail to comply with the terms and conditions mentioned in the tender document.
- e) There is no vigilance/CBI case or court case pending against my firm **nor** is my firm blacklisted by any agency/department.

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

Name:\_\_\_\_\_

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

Designation:\_\_\_\_\_

Seal:

**Note to bidder:** To be submitted by the bidder in the letter head and to be signed by the authorized signatory with name and designation. Affix the seal of the firm.



**Annexure III - Financial Bid**

<b>S. No</b>	<b>Description</b>	<b>Amount in INR/ FC</b>
1	<b>Lab water purification system</b> as specified in Annexure I	
2	Excise duty if any	
3	Customs duty if any	
4	GST	
5	Transportation, if any	
6	Installation, demonstration and training, if any	
7	Total Price	
Total price in words		

Time required to supply and install the equipment from the date of issue of purchase order or LC whichever is later: \_\_\_\_\_ days.

Price quoted in foreign currency will be converted into Indian Rupees at the exchange rate prevailing on the date of opening the financial bid to prepare the comparative statement and to determine the lowest quoted bid (L1).

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

Name: \_\_\_\_\_

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

Designation: \_\_\_\_\_

Seal:

**Note to bidder:** To be submitted by the bidder in the letter head and to be signed by the authorized signatory with name and designation. Affix the seal of the firm.