

## **TENDER INVITATION NOTICE**

**Department of Chemistry, University of Kerala, Kariavattom,  
Thiruvananthapuram-695581  
Email: [chem12uniker@gmail.com](mailto:chem12uniker@gmail.com)**

**Last date of submission of Quotation-11/08/2025**

**No. DC/ST/03/Eq/2025-26 dated 28/07/2025**

Sealed tenders are invited from the authorized dealers for the purchase of a **Water bath Chiller Circulator** for the Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram-695581, in connection with the implementation of the research project “Functional Porous Organic Polymers for Energy Storage and Wastewater Purification” (Annual Plan 2024-25).

### **Specification of ‘Water bath Chiller circulator’**

1. Water bath display type: digital (numerical/application specific) backlit LCD display.
2. Chamber construction: SS tank with PUF Insulation.
3. Material of outer chamber construction: Epoxy coated / Powder coated mild steel.
4. Power requirement: 220 V 50 Hz Single Phase AC.
5. Control Panel has ON and Off Switch // Heating & Temperature (Set & Actual) Indicators // Temperature controller
6. Type of Temperature controller: digital controller cum indicator PID based control.
7. Temperature range: -10  $^{\circ}\text{C}$  to 100  $^{\circ}\text{C}$ .
8. Temperature stability: +/- 0.3  $^{\circ}\text{C}$  or better.
9. Temperature control sensitivity +/- 0.1  $^{\circ}\text{C}$  or better.
10. Display: dual 7 segment.
11. Display resolution: 0.1  $^{\circ}\text{C}$  or better.
12. Heater capacity: 2000 watts.
13. Cooling capacity@ 19  $^{\circ}\text{C}$ : 320 watts.
14. Pump flow rate: 12.5 liters/min. or better
15. Bath opening W x L x D: 13cm x 12cm x 15cm (approx.).
16. Drain plug in chamber should be provided.
17. Warranty: A comprehensive warranty of a minimum of two years from the date of installation should be provided.

Sealed tenders should reach The Assistant Professor and Head, Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram-695581 on or before 11/08/2025.

The cost of tender form and EMD(Earnest Money Deposit) should be submitted as Demand Draft(DD) issued from a Nationalised & Scheduled Commercial Bank, drawn in favour of the Assistant Professor and Head, Department of Chemistry payable at SBI, Kariavattom Campus(IFSC code SBIN0070043).

Cost of Tender Form	INR 472/-
Earnest Money Deposit	INR 1,500/-

The cost of tender form will not be refunded and the separate DD towards the cost of the tender form and the EMD should be submitted. The compliance statement should be submitted that includes all parameters in specification, as detailed in Tender Document.

### **General Terms and Conditions:**

1. Quotes should be inclusive of cost, freight, taxes etc. and should be delivered at the Department of Chemistry, University of Kerala, Kariavattom.
2. Incomplete & conditional quotations and quotations received after the due date will be summarily rejected without assigning any reasons thereof.
3. The undersigned reserves the right to reject or accept the quotation without assigning any reason.
4. **Installation and Commissioning:** The items shall be installed and commissioned at the Department of Chemistry, University of Kerala, Kariavattom Campus. The supplier should bear all incidental expenses.
5. **Payment:** The University will release the payment only after inspecting the equipment and satisfy that the supply is as per the requirements. The payment will be made after successful completion of the supply and producing invoice in duplicate.
6. **Validity of tender:** Tender submitted shall remain valid at least for 90 days from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
7. The model number, make, and a printed literature of the product shall submit positively.
8. A signed compliance matrix (on specifications and conditions) should be submitted along with the quote.
9. In case of the dispute arises; the decision of University authority shall be final and binding on bidders.
10. General rules relating to the purchase of materials/equipment will also applicable to this quotation.
11. Those who are interested should send their bid **along with the Tender document (with sign and seal of the tenderer in each page), separate DD towards the cost of the tender form and the EMD, Compliance statement and the technical specification/brochure** in a sealed cover superscribed with “**Quotation for Ref. No: (.....) Equipment Name: (.....)**” and addressed to **The Assistant Professor and Head, Department of Chemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram-695581, Kerala** on or before **11/08/2025**. The tenders will be opened at the Department of Chemistry at **3.30 PM on the same day in the presence of vendors then present**.

-Sd-  
The Head  
Department of Chemistry  
University of Kerala