

# QUOTATION INVITATION NOTICE

Department of Chemistry

University of Kerala

Kariavattom, Thiruvananthapuram-695581

Ph. No: 0471 2308682

Last date of submission of Quotation – 08/07/2025

Quotation No: DC/ST/09/EQP/2025-26 dated: 20/06/2025

Competitive sealed quotations are invited from reputed and established manufacturers or authorized dealers for the purchase of Oil sealed High Vacuum Pump and Digital Potentiometer with specifications detailed below for the Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram-695581.

## 1. Oil Sealed High Vacuum Pump – 1 No.

Technical Specifications:-

- Oil Sealed High Vacuum Pump with Moisture Trap
- Should be suitable for Filtration applications.
- Vacuum Gauge and Regulator should be supplied
- Electric Motor capacity = 0.25 HP
- Electric Motor RPM = 1440
- Oil Capacity = 3 Litres
- Should be attached with Glass MANIFOLD having 4-outlets with Silicon tube connections
- Specific condition: Warranty should be provided for at least 1 year (for all non-consumable parts).

## 2. Digital Potentiometer - 1 No.

Technical Specifications:-

- Display : 3 1/2 digit LED display
- Measuring Mode : 0 to  $\pm 1999\text{mV}$
- Accuracy : 0.001 V (1 mV)
- Power required : 230 V AC  $\pm 10\%$  , 50 Hz.
- Dimension: 85 mm (H) x 235 mm (W) x 185 mm (D) (Approx.)
- Input Configuration : Bipolar
- Set Zero Range : 0 to  $\pm 150\text{mV}$  INPUT
- Stirrer Speed : 0 to full speed
- Switch : Hold reading when pressed
- Polarization Current : 10  $\mu\text{A}$  FOR Metal to electrode
- Input Impedance :  $10^{11}$  Ohms

- Polarity : Automatic
- Over Range :Last 3 digits blinking
- Magnetic Stirrer :In-built with variable control
- Weight :1.25 Kg (Approx)
- Accessories : Platinum electrode, Reference electrode – Calomel electrode  
Electrode Stand, Clamp, Magnetic bead, Stirrer Pedal
- **Specific condition : warranty should be provided for at least one year.**

#### Schedule of Equipment

Sl. No	Equipment	Qty	Total rate (%)	GST amount	Total amount(Total rate +GST)
1	Oil Sealed High Vacuum Pump	1 No			
2	Digital Potentiometer	1 No			

#### **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:** The items shall be installed and commissioned at Department of Chemistry, University of Kerala, Kariavattom Campus. All incidental expenses should be borne by the supplier.
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 triplicate.
6. General rules relating to the purchase of materials/equipment will also applicable to this tender.
7. Those who are interested should send their quotation in a sealed cover super scribed with "Quotation for Ref. No: (.....)and addressed to The Head, Department of Chemistry, University of Kerala, Kariavattom Campus, 695581, Thiruvananthapuram, Kerala, on or before 08/07/2025.
8. **Quotation Invitation Notice with duly filled Schedule of Equipment with sign and seal of the firm should be attached to the quotation.**



*Angha*  
**Assistant Professor & Head**  
 ASSISTANT PROFESSOR AND HEAD  
 DEPARTMENT OF CHEMISTRY  
 UNIVERSITY OF KERALA  
 KARIAVATTOM  
 THIRUVANANTHAPURAM - 695 581