

**DEPARTMENT OF CHEMISTRY
&
CENTRE OF ADVANCE STUDIES IN CHEMISTRY
PANJAB UNIVERSITY CHANDIGARH –160014 (INDIA)**

Dated: 19.03.2019

Please send the quotations in 'two bid system' so as to reach the undersigned by **05.04.2019**.

- Technical bid consisting of all technical details along with commercial terms and conditions.
- Financial bid indicating items-wise price for the items mentioned in the technical bid.
- Also send 2% cost of the Instrument as EMD (in the form of Demand Draft) quoted on the Quotation if the amount exceed Rs.1,00,000/-.
- **The technical bid, financial bid and EMD should be sealed by the bidder in separate cover duly super scribed and all three sealed covers are to be put in a bigger cover which should also be sealed and duly super scribed to reach on or before.**

- **Technical specifications of Rotary evaporator with high vacuum pump**
 - Rotation Speed up to 280 RPM, Vertical/inclined condenser with Condenser surface area of 1400 cm².
 - The intuitively operated LED ring light system around the knob. The separate knobs to allow the visual process control and also the direct adjustment of rotation and heating temperature. So one can intervene at any time directly in the evaporation process. Detachable operating panel to control the system from outside the enclosed fume hoods, Control panel should have protection class IP42 or better. Control panel should be chemical and thermal resistance, control panel should be water-protected to protect the electronics. With the optional cable extension.
 - 1 litre Evaporating flask and 1 litre receiving flask.
 - Convenient Motor Lift, having the option to adjust height by press of a button., Heating bath and Vapour Temperature.
 - Temperature Accuracy $\pm 1^{\circ}\text{C}$
 - Bath Temp. Setting : 3.5"LCD Display.
 - Heating Capacity : 1300watt
 - Universal Heating bath temperature of 210 $^{\circ}\text{C}$, Heating bath with safety handles and drain spout available, Heating bath over temperature cut-off 5 $^{\circ}\text{C}$
 - Secondary over temperature cut-off 250 $^{\circ}\text{C}$
 - All parts which are in contact with the media consist of GRAPHITE filled PTFE Vacuum seal.
 - Option of easy upgradation of model to the next heigher model available by adding Accessories at later stage.
 - To prevent short circuits and corrosion, the cable coupling complies with the protection class IP 67.
 - It should be offered with manual/digital vacuum controller
 - Temp. Range of chiller : -10 to 100 $^{\circ}\text{C}$; Pump(flux) of Chiller : 8L/min; R134a refrigerant, imported compressor.; Microprocessor Temp. Controller.; Chamber volume : 4.5L,
 - Warranty: 3 Years
- High Vacuum Pump:** Suction Capacity in m³ / hour : 2 or more; Ultimate Vacuum in mbar: 7 or less; Power Input in Watt:180; Supply Voltage (V / Hz):230 /50; Warranty: 3 Years

Other terms and conditions

1. The quality, make, packing and other particulars of each item should clearly be stated/indicated in your quotation.
2. It should clearly be stated whether the rates are inclusive / exclusive of GST etc.
3. The rates of INSURANCE if any should be specified. The firm will be required to submit original payees receipt along with bill. NO PAYMENT OF INSURANCE CHARGES IS PERMISSIBLE UNLESS THESE REQUIREMENTS ARE COPLIED WITH.
4. THE QUOTATION SHOULD ALWAYS BE SUBMITTED IN DUPLICATE.
5. Please quote only for the items available in 'READY STOCK.'
6. Please quote only for the make required and strictly according to the specifications etc.
7. Please also indicate the DISCOUNT separately, if any.
8. While submitting the quotation please write on the OUTER ENVELOPE, '**QUOTATIONS TO BE OPENED ON 08.04.2019** and the envelope be put in another envelope address to **Dr. Navneet kaur , Investigator Incharge Scheme , Department of Chemistry, Panjab University, Chandigarh – 160014**
9. Please send the quotation by post along with manufacturer/distributor certificate.

Note:

It is for the information of all the departments that in terms of the government of India, notification no. 47/2017 integrated Tax (Rate) dated 14.11.2017 and P.U. Notification dt. 23/01/2018, the applicable Integrated Tax (Rate) under GST Act 2017 on goods procured for Scientific and research purpose shall be 5%. You are requested to charge the GST @5% in compliance to the aforesaid notification.