

Notice Inviting Tender

Dr. P. Venkatesu, Associate Professor, Principal Investigator of CSIR project 01(2871)/17/EMR-II, Dept. of Chemistry, University of Delhi, on behalf of The Registrar, Univ. of Delhi, Delhi-110007 invites **Online Open Tender on two bid system** (Technical and Financial bid) from reputed manufacturers or their authorized agents for the **supply and installation of equipment listed below:**

S. No.	Item name	Quantity	Tender Ref. No.
1	Rotavapor	01	Ref No. CSIR-01(2871)/17/EMR-II

The complete bid documents can be downloaded from the university website: www.du.ac.in, or from the Central Public Procurement portal: www.eprocure.gov.in. **Physical submission of bids will not be accepted**

A)	Date of commencement of e-tender document and availability on the website: www.du.ac.in and www.eprocure.gov.in	DATE: 30/01/2018 Time 5:30 PM
B)	Last date for sale of bidding document	DATE: 20/02/2018 Time 5:00 PM
C)	Last date and time for submission of bids online	DATE: 20/02/2018 Time 5:00 PM
D)	Date and Time of opening of Technical bids	DATE: 22/02/2018 Time 3:00 PM
E)	Date and time of opening Financial bids	DATE: 23/02/2018 Time 5:00 PM
F)	Address for all communication	Room No. 06, Multi Story Building Department of Chemistry, University of Delhi, Delhi-110007

Date: 30/01/2018

Technical specifications for Rotavapor

Equipment: Rotavapor

Tender Ref. No.: CSIR-01(2871)/17/EMR-II

ROTAVAPOR

- Electric/Motorized lift
- Provisions for automatic lifting of the flask in case of power failure
- Integrated digital display of Lift position.
- Vertical Glass Assembly as standard but should have availability of 7 different types of condensers like cold trap, reflux and double jacketed.
- Cooling surface area of 1500 cm² with extra-large top hole on top of condenser V that allows easy cleaning.
- Digital bath temperature display of both set and actual temperature simultaneously with microprocessor control ranging from ambient to 220 deg C with an accuracy of ± 1 deg C.
- Bath temperature lock to prevents accidental change of settings
- Lift height indication should be digitally indicated on heating bath with 2 Lift Speeds.
- Safety Stop - Operation stop by Power Failure.
- Earthquake Safety – Lug should be there on backside of bath and rotavapor that enables fixation on Lab Bench.
- 7 Stages adjustable immersion angle to enable the use of different Flask sizes, for individual application.
- Automatic over heat cut-off protection.
- Carry handles - Two integrated laterally ergonomically designed carry handles that allows easy carrying for re-filling or emptying the heating bath, without the risk of burn
- Wireless contacts on the heating bath (Kettle Technology) both for power supply and communication for better safety.
- Evaporating flask from 50-5000 ml can be used on the same joint adapter without additional connections.
- LCD-display of Heating bath that displays all operating parameters Indicates set and actual values of heating bath temperature, rotation speed and lift position
- Protection Class IP21.
- Approvals CE / CSA
- 1 liter Evaporating Flask and Receiving Flask should be provided in standard scope of supply.

4. Warranty	The equipment should have one year comprehensive warranty.
5. Additional accessories	<p>One extra 1 liter receiving flask RB must be supplied along with the instrument.</p> <p>One extra vacuum seal for rotavapor should be supplied.</p>

The following technical requirements should be strictly met and necessary documentation has to be enclosed along with the main quotation.

- Complete product catalogue describing all the required basic and optional items should be produced.
- If the mentioned equipment is proprietary of the company than Bidder must provide Proprietary Certificate.
- Installation should be done at free of the cost.
- All accessories and spare parts including Vacuum pump and Vacuum Controller should be from the same Make/Manufacturer.
- Insurance of equipment should be borne by the vendor before the installation
- Vendor should submit the list of end users in India.
- Technical and financial bids should be submitted separately

COMMERCIAL TERMS AND CONDITIONS

- Prices should be quoted on CIF up to Delhi University including transportation, insurance.
- The price bids shall remain valid for a period of 90 (ninety) days from the date of opening of technical bid. Delhi University reserves the right to reject a bid valid for a period shorter than 90 days as non-responsive without any correspondence.
- The delivery period should be within 2 months from the date of receipt of L/C or wire transfer. Bids offering delivery period beyond stipulated time period will be treated as non-responsive and will be summarily rejected.
- The prices quoted by the bidder in the price bid are final and no adjustment of the same shall be made on account of any variations in costs of materials or any other cost component affecting the total cost in fulfilling the obligation under the contract. The prices once offered shall remain firm and fixed and shall not be subject to escalation for any reason whatsoever during the currency of the contract.

Important note:

1. All the requirements laid down under the above specifications must be carefully read and understood before claiming your instrument as “complied”.
2. Please provide compliance statement sheet with technical bid and if there is any deviation in above mentioned specifications, the **Technical deviation sheet** should be duly filled highlighted in remarks.

3. Any items required additionally for the purpose of installation should be quoted and supplied along with the basic instrument. In case the items are being provided free, then it should be mentioned free, or if it is at a certain cost, then it should be quoted separately, and included with the instrument cost.
4. **We need the machine to be supplied with all necessary items completely towards the installation and commissioning by the vendor.**