

**TENDER DOCUMENT
FOR
ROTARY EVAPORATOR**



**UNIVERSITY COLLEGE OF PHARMACEUTICAL
SCIENCES
KAKATIYA UNIVERSITY
VIDYARANYAPURI, WARANGAL – 506 009**

SCHEDULE FOR PURCHASE OF ROTARY EVAPORATOR

No: 177/UCPSc/KU/2016

Date:8th August, 2016.

Name of the Firm with address

Please quote the lowest rates for the items, listed in the annexure. The sealed quotations should reach this office on or before **29th August, 2016 at 3.00 p.m.** The tenders will be opened later at the Coordinator office (UGC Unit), Kakatiya University, Warangal. The University will not be responsible for any postal or other delay in the delivery of tenders.

The tender is subjected to the following conditions:

1. The bidder has to quote basic Price. The prices should be for destinations. Sales tax, Insurance, customs and import duties if any, packing and forwarding charges if any, freight charges, any other taxes and charges should be quoted in terms of percentage on basic cost or fixed amount. Any vague statements such as "Etcetera" (etc.) are not accepted.
2. The payment will be made within a reasonable time after the receipt of goods in good condition and successful installation and demonstration.
3. The company invoice with all supported vouchers should be submitted.
4. The equipment should comply with the description, particulars and specifications supplied by the institution and the specifications offered by the bidder, which are accepted by the institution. Any deviations are liable for rejection of the tender (or) rejection of the equipment even after supply.
5. The period of delivery from the date of placement of order should be clearly mentioned.
6. The time of installations should be clearly mentioned and any delays on the part of suppliers for supplying equipment and installation and demonstration will be penalized.
7. The quotation must accompany the list of reputed organizations, laboratories and educational institutions having at least 5 years standing for which the equipment is supplied.
8. The companies must be ready to demonstrate the equipment in front of an expert committee at the Kakatiya University, Warangal at their own cost if required. The decision of expert committee is final.
9. It is not binding on the institution to accept the lowest of the tenders.
10. The institution reserves the right to place order for individual items with different tenders. The quantities indicated herein can be modified without any intimation. The decision of expert committee is final.
11. All the tenders must be must in registered post, acknowledgement due. The university will not be responsible for any postal delay or loss of tenders.
12. The purchaser will not pay separately for transit insurance and the supplier will be responsible till entire items/equipment contracted for are delivered and installed in good condition at the destination.
13. If the equipment delivered at site is rejected, the University is not responsible for paying any charges and the supplier is solely responsible for removing the

equipment. If such equipment is not removed from the site within a period of two weeks, the university reserves the right to remove it from the site and the risk has to be borne by the supplier. The institution reserves the right to recover handling and storing charges in case of such event.

14. In the case of a dispute between the institution and supplier, the dispute shall be referred to Indian arbitration. Venue of arbitration shall be at Warangal.
15. The supplier has to give a guarantee for the equipment and its performance as per specifications for a minimum period of Thirty six months from the date of installation and commission. If during the above said period, it is found that the performance is not up to the mark, the decision of the purchaser in that behalf is final and is binding on the supplier. The supplier has to rectify/replace such defective equipment at his own cost. Otherwise suppliers have to pay compensation.
16. The supplier shall provide servicing facilities throughout the warranty period by trained people at his own cost.
17. The quotation with overriding condition will be summarily rejected.
18. Only those firms should respond who are the manufacturers or authorized dealers. A certificate to this effect duly signed by the manufacturer should be attached by tenders (s).
19. Bidder should enclose with the bid, income tax and commercial/sales tax clearance certificates issued by competent authorities for the last financial year for which the assessment exercise has been completed by the relevant tax authorities.
20. The tenders should be addressed to **Prof. A. Raghuram Rao, Principal Investigator, UGC-Major Research Project, University College of Pharmaceutical Sciences, Kakatiya University, Warangal.**
21. The envelope must be superscribed with reference No. and Item name for which quotations are being submitted.

Kakatiya University, Warangal- Tender for Rotary Flash Evaporator (Heidolph) sanctioned by UGC-MRP: Sealed tenders are invited from Manufacturers and Authorized Dealers for the Scientific Equipment. Last date for Submission: 29th August, 2016 at 3.00 p.m. For further details log on to: www.kakatiya.ac.in.

Technical Specification.

Heidolph rotary evaporator:

Rotary Evaporator condenser with Motor Lift, 1 litre Evaporating flask and 1 litre Receiving flask. In case of power failure, it should be automatically lifted. Preference to The detachable operating panel can be attached at eye level for your convenience outside of closed fume hood allows for highest operational feature.

Universal Heating bath temperature of 210 Deg C or above
Digital Display of Heating bath Actual and Set temperature

Digital display of vapor temperature.

Timer option is required.

Vacuum controlling is required

Heating bath accommodate 5litre flask as a standard and allows for 200 - 220mm horizontal extension

Heating bath with safety handles and drain spout available

Heating bath over temperature **cut-off 5 Deg C**

Secondary over temperature **cut-off 250 Deg C**

Rotation Speed 20 to **280 RPM with Digital display**

Stand with clamp to support condenser as a standard supply

Integrated clamp to hold 70% evaporating flask

All parts which are in contact with the media consist of **GRAPHITE filled PTFE Vacuum seal.**

Paint formula should provide much higher resistance against corrosion especially from condensed water.

Designed vapor tube with sleeve to added more strength and easily removes from the drive.

Standard warranty is 3 years which should include vacuum seal.

Heidolph Vacuum Pump

Suction capacity in m³/ hour :2 -3 m³/h

Ultimate Vacuum in mbar:2-7 mbr

Power Input in Watt:180

Supply Voltage (V / Hz):230 /50

Warranty: 3 Years

Heidolph chiller:

Working Temperature Range -20° to $+135^{\circ}\text{C}$

Temperature Stability $\pm 0.2^{\circ}\text{C}$

Bath volume: 6 ltr or above

Warranty : 3 years.