



Department of Chemistry
KAKATIYA UNIVERSITY

Warangal-506 009

No. 196 /Chem/KU/2017

Date: 19-12-2017

Tender for purchase of scientific equipment - Immersion cooler – FT series with accessories

SCHEDULE FOR PURCHASE OF EQUIPMENT

Please quote the lowest rates for the items listed in the annexure. The sealed quotations should reach to **"The Head, Department of Chemistry, Kakatiya University, Warangal - 506009"** on or before 27th December 2017 at **5.00 p.m.** 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 in both foreign currency and as well as Indian price. The prices should be FOR destination. GST, 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. Items of rate contract, if any, together with supporting documents should be furnished.
5. 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.
6. The period of delivery from the date of placement of order should be clearly mentioned.
7. The time of installation should be clearly mentioned and any delays on the part of suppliers for supplying equipment and installation and demonstration will be penalized.
8. Copies of the manufacturers test report and quality control cell clearance report should be made available along with equipment when it is supplied.
9. 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.
10. Performance certificates about the performance of the similar type of equipments from the heads of at least three reputed organizations should be submitted along with the tender.
11. The companies must be ready to demonstrate the equipment in front of a Purchase/Expert committee at the Kakatiya University, Warangal at their own cost if required. The decision of Purchase/Expert committee is final.
12. It is not binding on the institution to accept the lowest of the tenders.

13. 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 University reserves the right to differ the purchase of any item/all items without any intimation.
14. All the tenders must be sent in registered post, acknowledgement due. The University will not be responsible for any postal delay or loss of tenders.
15. 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 various destinations. The list of which will be provided by the University.
16. 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.
17. 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.
18. The supplier has to give a guarantee for the equipment and its performance as per specifications for a minimum period of Thirty six months or the duration agreed upon by both the parties, 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.
19. The supplier shall provide servicing facilities throughout the warranty period by trained people at his own cost.
20. The tenders should be valid for acceptance up to a period of 6 months.
21. The quotation with overriding condition will be summarily rejected.
22. 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 renderer(s).
23. 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.
24. The tenders should be addressed to **The Head, Department of Chemistry, Kakatiya University, Warangal - 506009.**
25. The envelope must be super-scribed with Group and Item Code for which quotations are being submitted.
26. Separate tender for each Group has to be submitted.

TECHNICAL SPECIFICATIONS

We would like to buy immersion cooler with complete accessories as per the following technical specifications.

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|-----------------------------------|-------------------|
| 1. Model series | FT Series |
| 2. Category | Immersion Coolers |
| 3. Working temperature range (°C) | 90 ... +30 |
| 4. Temperature stability (°C) | ±1 Temperature |

5. Display LED Cooling capacity (Medium Ethanol) °C - 0.3	20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 kW 0.29 0.27 0.26 0.25 0.24 0.23 0.21 0.18 0.13 0.05
6. Refrigerant	R23, R404A
7. Ambient temperature	5...40 °C
8. Dimensions	W x L x H (cm) 38 x 55 x 60 Weight (kg) 50
9. Cooling of compressor	Air
10. Immersion probe	5.6 x 14.0 (H x Ø) cm
11. Connection tube (L) cm	160
12. Available voltage versions	230 V / 50-60 Hz

General specifications

1. The instrument should be installed by the technical persons of the vendors/principles.
2. Proper demonstration/training should be given to the students at the time of installation.
3. All the necessary accessories to should be provided.
4. A list of references in India, where similar systems have been installed, must be provided and this will be taken very seriously while making the decision. Your post sales service feedback will be certainly a deciding factor.
5. The instrument should have a minimum of 2 years warranty.

Nutaneddy

DEPARTMENT OF CHEMISTRY
UNIVERSITY COLLEGE
KAKATIYA UNIVERSITY
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[Signature]
20.12.17

Professor & Head
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