

**TENDER DOCUMENT
FOR
SCIENTIFIC EQUIPMENT**



**DEPARTMENT OF ZOOLOGY
KAKATIYA UNIVERSITY
VIDYARANYAPURI, WARANGAL – 506 009. (A.P)
Mobile No.: 9848309231**

SCHEDULE FOR PURCHASE OF SCIENTIFIC EQUIPMENT

Schedule No: /ZOO/UC/KU/2010

Date:27-04-2014.

Name of the Firm with address:

Please quote the lowest rates for the items, listed in the annexure. The sealed quotations should reach **Dr. Mamidala Estari, Principal Investigator (DBT Project), Department of Zoology, Kakatiya University, Vidyanarayapuri, Warangal-506 009** on or before 15th May, 2014 at 3.00 p.m. The tenders will be opened at 5.00 p.m. in the Department of Zoology, Kakatiya University, Warangal on 15th May, 2014. 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 purchase 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 the “**Dr. Mamidala Estari, Principal Investigator, DBT Research Project, Department of Zoology, Kakatiya University, Vidyaranyaपुरi, Warangal- 506 009**”.
21. The envelope must be superscribed with reference No. and Item name for which quotations are being submitted.

Annexure for Specifications

Sl. No.	Name of equipment	Specifications :																		
<u>1</u>	HPLC Unit: Preparative (Pump, column, detector – Shimadgu/Waters and others)	Solvent delivery method - Series-type double plunger Plunger capacity - Primary side: 47 µL, Secondary side: 23 µL Maximum discharge pressure - 40 MPa Flow-rate setting range - 0.001 mL/min to 10.000 mL/min Flow-rate accuracy – No more than 2% or 2 µL/min, whichever is greater (0.01 mL/min to 5 mL/min) Flow-rate precision - 0.3% max. (RSD: 0.1% max.) Constant-pressure solvent delivery - Supported Plunger rinsing mechanism - Syringe or rinsing pump (228-45568-91) Operating temperature range - 4°C to 35°C Dimensions, weight - 260x140x420 mm, 11 kg Power requirements - AC110V, 230V, 150 VA, 50/60 Hz																		
<u>2</u>	CO₂ Incubator (Co ₂ cylindet with regulator and pre-heater) (16406304-LC2-80L/100L/150L)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Capacity</td> <td>80/100/150 Liters</td> </tr> <tr> <td>Temperature Range</td> <td>Ambient +5°C to 50°C</td> </tr> <tr> <td>Temperature Accuracy</td> <td>±0.1°C at 37°C</td> </tr> <tr> <td>Heating Method</td> <td>Air Jacketed (PID Controller)</td> </tr> <tr> <td>CO₂ Range</td> <td>0-20%</td> </tr> <tr> <td>CO₂ Precision</td> <td>±0.1% (Infrared Sensor)</td> </tr> <tr> <td>CO₂ Recovery</td> <td>Typically 3 minutes</td> </tr> <tr> <td>Shelves</td> <td>2 (Stainless Steel Perforated)</td> </tr> <tr> <td>Dimensions (mm)</td> <td>Inner: 400 x 400 x 500 Overall: 580 x 500 x 690</td> </tr> </table>	Capacity	80/100/150 Liters	Temperature Range	Ambient +5°C to 50°C	Temperature Accuracy	±0.1°C at 37°C	Heating Method	Air Jacketed (PID Controller)	CO ₂ Range	0-20%	CO ₂ Precision	±0.1% (Infrared Sensor)	CO ₂ Recovery	Typically 3 minutes	Shelves	2 (Stainless Steel Perforated)	Dimensions (mm)	Inner: 400 x 400 x 500 Overall: 580 x 500 x 690
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