

# **Tender for purchase of scientific equipment in Botany Under DST-FIST programme**

(Ref. No. SR/FST/L1-517/2012© dated 3<sup>rd</sup> June, 2014)

## **SCHEDULE FOR PURCHASE OF EQUIPMENT**

Please quote the lowest rates for the items listed below. The sealed quotations should reach to **“The Head, Department of Botany, Kakatiya University, Warangal – 506 009”** on or before **31-03-2015 (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. The prices should be for destination. 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.
14. 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. 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 estimations. 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 tenderer(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.
23. The tenders should be addressed to **The Head, Department of Botany, Kakatiya University, Warangal-506009.**
24. The envelope must be super-scribed with Group and Item Code for which quotations are being submitted.
25. Separate tender for each Group has to be submitted.

### **Equipment required:**

1. **Fluorescent Microscope**
2. **Gel Documentation system**
3. **ELISA Micro Plate Reader**
4. **PCR (Thermal Cycler)**
5. **Semi- Automatic Microtome**
6. **Net work Lab establishment**
7. **Renovation of Green house (630 sq ft)**

#### **1. Fluorescent Microscope:**

Nikon Advanced Motorized Research Microscope Model Eclipse Ni-E with Fluorescence, Digital Camera and Image Analysis Software with accessories. Full technical description required.

#### **2. Gel Documentation system:**

Gel Doc XR+, Molecular Imager Gel Documentation System, PC & Mac, Includes camera, Darkroom UV transilluminator, epi-white illumination, cables Image Lab Analysis software. Full technical description required.

**3. ELISA Micro Plate Reader:**

iMark Microplate Absorbance Reader includes 6 filters (415,450,490,595,655,750 nm), built –in plate shaker on board software and thermal printer, one roll printer paper, USB2 and power cables, instructions manual and immune wash Microplate, 100-240 V including bottle and tubing set, 8-port manifold aerosol protection cover, power card, Full technical description required..

**4. PCR (Thermal Cycler):**

T100 thermal cycler- gradient, T100 thermal cycler includes 96-wells, Power cord, support ring for individual tubes and instruction manual along with full technical description. .

**5. Semi- Automatic Microtome:**

Semi automated microtome with accessories and with full technical description.

**6. Net work Lab establishment:**

Sl.	Model & Description
01	<b>MNC all in one desktop.</b> Intel Pentium quad core J 2900 @ 2.4 Ghz or above IV generation, Intel 2GB DDR 3 Ram/500GB HDD SAT A DVDWriter/ Keyboard/ Optical <i>Mouse</i> / On Board On Board Audio /10/100/1000 MBPs Lan Card/ Original OS with 8.1 19.5" LED 3 Year Hardware Warranty

**7. Renovation of Green house:** The green house is required to grow the tissue cultured plants and also to maintain rare Medicinal and valued Ethno botanical plants.

**Total Area: 630 sq ft**

PARTICULARS OF AREA	DIMENSIONS
Total Covered Area of facility	630 sq ft
Controlled Area	600 sq ft
Size	30' x 20' x 9':12' (LxWxSH:CH)= 600 sq ft
Bay width	15`
No. of bays	2
Greenhouse length	20`
Greenhouse width	15`

Side/ Gutter height	7`
Centre / Ridge height	9`
Shape	Arc
Buffer Room	6`x5`x8`(LxWxH)
Doors "2 No's"	Hinged Door: 6`Hx4`W (For main entry into buffer room)

Head

(Dr V. Krishna Reddy)

Department of Botany

Kakatiya University, Warangal-506 009.