



**Department of Biotechnology
KAKATIYA UNIVERSITY
Warangal - 506009**

**Tender for purchase of scientific equipment in Biotechnology Project of DST-SERB
SCHEDULE FOR PURCHASE OF EQUIPMENT**

Please quote the lowest for the items listed below. The sealed quotations should reach to **“The Head, Department of Biotechnology, Kakatiya University, Warangal - 506009”** on or before **10th May, 2016 by 5 PM**. 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, 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 a 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 offered by the bidder, which are accepted by the institution. Any deviation is 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 delay on the part of suppliers for supplying equipment, 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 the 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, acknowledgment 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 the 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 the 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 borne by the supplier. The institution reserves the right to cover handling and storing charges in case of such event.

17. In the case of a dispute between the institution and the 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, supplier has 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 six months.

21. The quotations 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 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 Biotechnology, 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.

1. Electrophoresis Unit

1 No.

Specifications

Base Footprint(LXWXH):	175x265x90mm
Base Buffer Volume:	1500ml
GelTray Size in cm:	15x15cm
Base:	Molded Clear plastic
Gel Cating gates:	Aluminium
Safety Lid:	Molded Clear plastic
Banana Plugs:	Gold Plated Brass 4.4cm
Electrode Wire Guard:	Poly Carbonate
Electrodes:	Platinum 0.25mm diameter
Geltray:	UVTP
Combs:	Molded Plastic with machined acrylic
Gel Casting device:	polycarbonate 0.64cm silicon foam

PowerPac

Construction:	Injection molded Construction
Cassette type electrode:	Made of 99.9% corrosion resistant pure platinum

Power Specifications

Input Voltage:	110-240Vac
Output Voltage:	2 to 300V/1V increment
Output Current:	1to700mA/1mA increment
Output Power:	150W Controller: Microprocessor Controller
Terminal Pairs:	4 pairs
PauseFunction:	Available

2. Real Time PCR

1 No

Specifications

Instrument Should have Inbuilt Gradient Capability for Optimization Of Reactions

Instrument Should be a peltier based system

Sample Instrument should Have a block format Of 48 well tubes which can hold 0.1ml tubes

Volume should be 10-30ul

Block Format should be Veriflex

Block Ramp Rate should ne 4.6 deg C

Temperature Range should be 4-100 deg C

Temperature Accuracy should Be 0.25 deg C

Temperature Uniformity should be +/-0.5 deg C

Melt Curve resolution should be as small as 0.1deg C

Instrument Optical system should be an LED based system with photodiodes

which can do 4 color multiplexing with Passive reference dye Rox

Instrument should have 6.5inch Touch screen VGA display

Instrument should be capable of completing run in 40 min

Instrument Dimensions WXDXH=24.6x42.7x51.2 in Cm

3. Refrigerated Micro Centrifuge

1 No

Specifications

Micro centrifuge : -20°C up to +40°C , 18,000 r.p.m

Maximum Capacity : 50ml

Timer : 1-99 minutes

Temp. Range : -20°C to +40°C

Dimensions : 178x333x620mm(H x WxD)

Angle rotor, aerosol -tight : 24x 0.5/1.5/2.0ml RCF 31,514

Swing out rotor : 12x15ml/17x100 RCF 4,105 r.p.m

Safety lid with window for speed control

Lid locking and holding device

Automatic recognition of the rotor

Auto clavable fixed angle and swing out rotor

Brushless drive

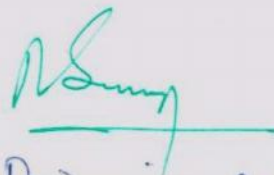
Metal housing

Centrifugation chamber made of easy to clean stainless steel.



HEAD

Department of Biotechnology
KAKATIYA UNIVERSITY
WARANGAL-506 009 (T.S) India.



Principal Investigator

DST-SERB

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