

**TENDER DOCUMENT
FOR
SCIENTIFIC EQUIPMENT**



**UNIVERSITY COLLEGE OF PHARMACEUTICAL
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SCHEDULE FOR PURCHASE OF SCIENTIFIC EQUIPMENTS

Schedule No:- 355/Pharmacy/UCPSc/KU/2012

Date:01-08-2012

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 **31st August 2012 at 1.00 p.m.** The tenders will be opened **on 1st September, 2012 at 3.00 p.m.** in the UGC Coordinating officer, Kakatiya University, Warangal on 2012. 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 **AICTE Project Coordinator, University College Of Pharmaceutical Sciences, Kakatiya University, Warangal.**
21. The envelope must be super –scribed with reference No. and Item name for which quotations are being submitted.

Annexure

1. SHIMADZU OR ANY OTHER EQUIVALENT FOREIGN MAKE HIGH PRESSURE BINARY GRADIENT ANALYTICAL CUM SEMI PREPARATIVE LIQUID CHROMATOGRAPHY SYSTEM WITH PDA DETECTOR

Item no.	Description/Specifications	Qty
01	Prominence Pump model LC-20AD <ul style="list-style-type: none"> • Web control technology • High precision dual plunger design • Forced check valve design for excellent solvent delivery control • Flow rate range : 0.0001ml to 10.0 ml • Built in self diagnostic ,Auto Purge function • Auto schedule function for switch on and Off • LC –virtual adviser for easy maintenance • Upgradeability for High pressure gradient up to three pumps and low pressure gradient Quaternary pump 	2 Nos.
02.	Automatic Rinsing Kit	1 No.
03.	Dynamic Gradient Mixer <ul style="list-style-type: none"> • Mixing volume changeable in 3 steps • Suitable for high pressure, low pressure & semi-micro applications • Dynamic mixing • Extensive Validation &Productivity (Prominence) Capabilities 	1 No.
04.	Installation Accessories <ul style="list-style-type: none"> i) 7725i Rheodyne Injector with 20ul loop & automatic start 1 No. ii) Injector Mounting Kit 1 No. iii) 25µl Syringe 1 No. 	1Set.
05	Degasser DGU 20A3 <ul style="list-style-type: none"> • Three channel membrane degasser • 170µl internal volume • Ghost peak reduction. 	1 No
06.	UV-VIS detector with sensitivity to the limit (Noise level 0.5×10^{-5} AU), and offering wide linearity (2.5AU) deuterium lamp and tungsten lamp to be lit simultaneously, enabling high-sensitivity wavelength-programming detection fro ultraviolet light and the entire visible-light range. Wavelength range 190 to 900nm.	1 No.
07.	Prominence System controller CBM-20Alite with LC Solution Software. <ul style="list-style-type: none"> • web control function • System Control through network • Centralized management of maintenance information • Data buffering function 	1 No.

	<ul style="list-style-type: none"> • Central control of pumps, detectors, auto-injectors. Oven & complete modules of each system • Total GLP version – password, audit trail maintenance information, system validation check/error log, etc., • Software under WINDOWS 2000 platform on 32 bit technology • Digital acquisition & processing system ensures speed & stability of data • Single access point for system administration, data acquisition, postrun analysis and long –term data management. •Seemlessly integrated to enable data archiving for shimadzu instruments to provide 21 CFR part 11 compliance for electronic signatures and record security 	
08.	Reservoir	1No.
09.	A8-STC-1810-100 (C18 column suitable for semi preparative work) Enable C-18 Column 250mm x10mm x 10um	1No.
10.	Suitable PC (Dell company) & Laser Printer (HP Company)	1No.

**2. THERMO FISHER OR ANY OTHER EQUIVALENT FOREIGN MAKE
REFIGERATED CENTRIFUGE**

Item no.	Description/Specifications	Qty
1	<p>FEATURES :</p> <ul style="list-style-type: none"> • Exclusive ClickSeal bio-containment rotor lid providing superior safety and convenience • Quiet performance (<56 dBA) providing a safe, stress-free environment • dual-row rotor holding 18 1.5/2.0ml tubes and 18 0.5ml tubes • Fast acceleration and deceleration speeds • Broad rotor selection accommodating PCR strips and 36x 0.5ml microtubes • Intuitive controls and easy to read display • Highly resistant materials for vigorous cleaning and autoclaving <p>TEHCNICAL FEATURES :</p> <ul style="list-style-type: none"> • Max RCF : 21,100 x g • Max Speed : 14,800 rpm • Max Noise Level : 50 dBA (Refrigerated) • Time Set Range : 1 min - 99 min; 1 min increments + HOLD mode • Temp Set Range : Set -9C to +40C per 1C increment 	01 No.

3. MRC CO₂ INCUBATOR OR ANY OTHER EQUIVALENT FOREIGN MAKE.

Item no.	Description/Specifications	Qty
1	<p>FEATURES :</p> <ul style="list-style-type: none">• 50 liters CO₂ water jacket incubator,• Temperature reange upto 60° C• CO₂ range up to 20% CO₂• Humidity range : upto 95%• 3 shelves• Hepa filter, Anti corrosion anode, CO₂ sensor IR(infrared) <p>Dimensions : Internal : w 40x d40xh 32cm, external: w53x d57xh67</p>	01 No.

4. TEER MEASURING INSTRUMENT OF MPI OR ANY OTHER EQUIVALENT MAKE

Item no.	Description/Specifications	Qty
1	FEATURES : <ul style="list-style-type: none">• Manual Trans epithelial electrical resistance measurement of epithelial cells in 24 and 96 well plates• Battery powered electrically isolated meter• Compatability with endomn chambers• Manual electrode enclosed with meter that can be sterilized with ethanol• Input empedance of > 1010ohm• Resistance range 0-1999 ohms• Pair of double electrodes 4 mm wide and 1 mm thick.	01 No.