



उत्तराखण्ड आयुर्वेद विश्वविद्यालय

हरावाला, देहरादून - 248001

दूरभाष : 0135-2685124, फ़ैक्स : 0135-2685137, ईमेल : info@uau.ac.in

संख्या : 215/उ0आ0वि0/निविदा/2014-15

दिनांक : 10/11/2015

Limited Tender

विश्वविद्यालय की बायो-मेडिकल प्रयोगशाला के उपकरणों को क्रय किये जाने हेतु इस क्षेत्र में अनुमती/पंजीकृत/अधिकृत फर्मों से निविदा दिनांक 23/11/15 अपरान्ह 3:00 बजे तक आमंत्रित की जाती है। विस्तृत जानकारी वेबसाइट www.uau.ac.in पर उपलब्ध है।

5.11/11.2015
कुलसचिव

% Abha



**UTTARAKHAND AYURVED UNIVERSITY,
HARRAWALA, DEHRADUN**

**Limited Tender Document
For
Scientific Instruments
and Prefabricated lab**

UTTARAKHAND AYURVED UNIVERSITY, DEHRADUN
LIMITED TENDER DOCUMENT

Last date and time of tender - 23-03-2015 (3.00 PM)

Last date and time of tender opening – 23-03-2015 (3.30 PM)

Tender fee - Rs. 227

Earnest money - Rs. 45,000

Note:

1. Kindly go through the enclosed “**Terms & conditions and Instructions**” thoroughly. The tender forms should be complete in every respect.
2. Kindly ensure that different parts of the bid are submitted in clearly marked separate sealed envelope.

CONTENTS

- 1. Tender Notice**
- 2. PART 'A'**
 - (i) Technical bid form
 - (ii) General terms & conditions
 - (iii) Instructions to the Bidders
 - (iv) Specifications of Equipments and Prefabricated lab
- 3. PART 'B'**
 - (i) Financial bid form
 - (ii) List of required items

UTTARAKHAND AYURVED UNIVERSITY, DEHRADUN

TENDER NOTICE

Sealed tenders are invited in two bid system from the manufacturers and authorized dealers/subsidiary of foreign manufacturers (in case of imported items only) for supply of scientific instruments and prefabricated lab. Tender documents can be had from the office of the **Registrar, Uttarakhand Ayurved University** on any working day. Payment of Rs. 227/- in Bank Draft drawn in favour of “**Finance Controller, Uttarakhand Ayurved University**”, payable at Harrawala (Dehradun). For details and downloading of tender document logon to website **www.uau.ac.in**. Last Date for submission of sealed tender is 10-03-2015 **upto** 23-03-2015 (3.00 PM) and Technical bid will be opened on 23-03-2015 (3.30 PM) onwards.

Phone no. 0135-2685124, Tele-Fax 0135-2685137

PART 'A'

TECHNICAL BID

1. If the formalities regarding Technical bid are not complied with, Part-B of tender (Financial bid) shall not be opened.
2. To be submitted in a separate envelope superscribing “**Technical Bid**”

UTTARAKHAND AYURVED UNIVERSITY, DEHRADUN

“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE. THE NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID”

PART-A : Technical Bid

“Please furnish the following information in this part so as to enable the panel to decide about the qualification in the Technical Bid. Necessary valid documents/certificates from the appropriate authority must be attached sequentially in support of statement at serial “4” to “17” below.

For qualification criteria the Bidders are required to have supplied details of Turnover and a specified amount of supplies made during the last financial year and the bidders have to furnish an authentic certificate from their clients in support of satisfactory performance.”

Bidder’s reference No. : _____ Date : _____

1. Application for the supply of : _____

2. Name of the Bidder : _____

3. Address : _____

(A) Telephone No. _____ (B) Mobile No. _____

(C) Fax No. _____ (D) e-mail _____

4. Earnest Money (Must be attached with technical bid)

(a) Amount : Rs. _____

(b) In favor of : Uttarakhand Ayurved University, Dehradun.

(c) FDR/TDR No. & Date : A/c, M/s _____

5. Status of the applicant : _____

(Whether manufacturer/authorized Indian Agent/authorized distributor/authorized dealer As per tender notice. (Certificate must be Submitted from appropriate authority)

6. Manufacturing license No. & Date : _____

7. Sales tax registration No. & Date : _____
8. Income tax PAN No. : _____
9. ISO/ISI award letter No. : _____
(In case it is awarded to the firm)
10. Annual Turnover for the last year : _____
2013-2014 (Related Document to be attached)
11. Details of major clients for the last : _____
year only (to be attached separately)
12. Details of order complied during last year : _____
(Certified copy enclosed)
Name of Client & Address : _____
Amount : _____
13. Quantum of supplies to Uttarakhand : _____
Ayurved University (abstract to
be attached separately in last year)
14. Please certify that you are not blacklisted : Notarized affidavit is to be attached.
by any department of central/state govt. or
university or any public institution
15. Indicate the after sales service available : _____
(Especially in Uttarakhand, Certificate
from Manufacturer must be enclosed)
(a) No. of Engineers & technical staff: _____
(b) No. of Venders : _____
(c) No. of service stations : _____
16. Please enclose separately the technical : _____
Specifications (without rates) of the
product for which tender rates are submitted
17. Nearest duly authorized dealer's name : _____
And address alongwith recent
Authorization letter
Phone No./Mobile No./Fax No. : _____
E-mail : _____

NOTE : Below mentioned documents must be attached in the order indicated hereunder –

1. Earnest money in shape of FDR & DD only.
2. Technical bid form duly signed.
3. General terms & conditions duly signed.
4. Instructions to the Bidders duly signed.
5. Copy of manufacturing license from appropriate authority, if applicable.
6. Copy of certificate of dealership/distributorship, if applicable.
7. Copy of Sales tax/trade tax/VAT registration certificate.
8. Copy of CST registration certificate, if applicable.
9. Copy of last sales tax return clearance (relevant portion)
10. Turnover for last year (only extract of the relevant portion of profit & loss A/c, Balance sheet & sales tax documents for proof of turnover).
11. Proof of copy for details of order complied as per supplies to university during the year 2013-14, if applicable.
12. Manufacturers must submit a certificate along with the application about the entire responsibility of their dealer in case the supply is to be made through dealer, etc.
13. Notarized affidavit regarding no-blacklisting.
14. Signed Technical Specifications (without rates) of the product with any other related literature, all the required documents of technical bid sealed in a separate envelope duly superscribed Technical Specification for (equipments for which bid form is submitted).

EXTRA DOCUMENTS OTHER THAN THE ASKED FOR SHOULD NOT BE ATTACHED
Note : Before sending/submitting the tender, the Bidders should read carefully, the attached terms & conditions, special conditions, instructions to the Bidders and fill the columns of technical & financial bid.

Signature of Issuing Authority

Signature of Registrar

DECLARATION BY BIDDER

I/We declare that the information (From 1 to 17) and attached documents/certificates supplied above (From 1 to 14) is correct and I/We have read **the attached terms & conditions, instructions to the Bidder** all the terms & conditions of tender and accepted them in full.

Signature of Bidder
With Seal

GENERAL TERMS AND CONDITIONS FOR TENDER

(Jurisdiction – Dehradun, Uttarakhand)

1. Sealed Bidders are invited by the “Registrar, Uttarakhand Ayurved University, Dehradun” for supply of EQUIPMENTS and PREFABRICATED LAB to Faculty of Biomedical Science, Harrawala, Dehradun.
2. (For a two bid tender) Technical bid and Financial bid should be sealed by the Bidders in two separate envelopes duly superscribed and both those sealed envelopes will put in a bigger envelope which should also be sealed properly, super-scribing “Technical & Financial Bids” for the supply of EQUIPMENTS and PREFABRICATED LAB for Faculty of Biomedical Sciences, Harrawala, Dehradun. “ due on „.....”.
3. (a) The Technical Bid is to be sealed in separate envelopes duly superscribed “Technical bid” and put in a big envelope duly superscribed “Technical bid for the supply of Equipment and Prefabricated lab.

(b) The envelope containing Financial Bid should be superscribed “Financial Bid for the supply of Equipment and Prefabricated lab.
4. **The tender should quote in figures as well as in words the rates and total amount tendered by them in the prescribed column of the list of instrument and Prefabricated lab.** Alteration, if any, unless legibly attested by the Bidders, with their full signature shall invalidate the tender. Each page of tender should be signed by the Bidders himself/themselves or by his/their authorized agent on his/their behalf. In case the tender is signed by the agent, the authority letter in his favour must be enclosed with the letter.
5. Supply of goods is acceptable on bill basis only. **R.R./documents through bank are not acceptable.**
6. Tender documents must be submitted consisting of notice inviting tender, tender form (technical and/or financial), general terms & conditions of supply, instructions to the Bidders, schedule of items duly filled, completed & every document must be signed by the Bidder.
7. Tender should be submitted in sealed cover to the office of the “ **Registrar, Uttarakhand Ayurved University, Harrawala, Dehradun- 248001(Uttarakhand)**”.

8. The tenders may be dropped in the Tender Box kept in the office by due date & time. The tender may also be sent/submitted in sealed cover through post/courier. The tenders received after due date & time are liable for rejection. The University shall not be responsible for receipt of tenders after due date, due to postal delays or any other reason, whatsoever.
9. Tender will be received in the office up to 23-03-2015 (3.00 PM).
10. Bulky Tenders which cannot be dropped in the tender box will be accepted by the **Registrar, Uttarakhand Ayurved University, Harrawala, Dehradun** or his authorized representative and receipt issued.
11. Technical bid of tender will be opened on 23-03-2015 (3.00 PM) onwards in the presence of the Bidders or their authorized representative who may like to be present at the time of opening of the technical bid.
12. For all items the financial bid shall be opened only for those firms whose technical bids recommended by the Purchase committee and found to be as per specifications, terms & conditions of the tender asked for.
13. In case the due date declared holiday, the tender shall be opened on next working day at same time.
14. The supplier will have to attach a certificate to the effect that the material to be supplied will be of the specification conforming to standard of the item specified in the attached schedule & conditions.
15. Trade/Sales tax/VAT or any other tax or other charges on the material, which has not been mentioned while quoting their rates shall not be paid by the University under any circumstances.
16. The terms & conditions given by the supplier will not be binding on University. Conditional tenders shall be rejected at the sole discretion of the competent authority of the University.
17. The manufacturer should mention their address of manufacturing unit so that the site may be inspected, if required.
18. A Bidder shall not submit more than one tender for the same set of goods.
19. The tender so submitted shall be governed by the laws of india and be interpreted in accordance with such laws.
20. The Bidders may be called for technical discussions by the purchase committee duly constituted or nominated by the competent authority of this University.
21. It must be mentioned clearly whether Bidder is a manufacturer/authorized dealer for the items for which he is quoting.
 - a. **Manufacturer** must add a certificate that item(s) is manufactured by them as per range of products.

- b. **Authorized agents** must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals that they are quoting Rates on behalf of them. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.
22. (i) The lowest tender (L1) for instruments and prefabricated lab will be decided on the basis of cost of individual item quoted by Bidders.
(ii) The acceptance of a tender will rest with the University who does not bind itself to accept the lowest tender and reserves itself the authority to reject or partially accept, any or all the tenders received without assigning any reason.
23. (i) The instruments required should be of good quality and that of proven good brands alone need to be quoted for this, and rates from any company along with certificate like. ISI, ISO, WHO-GMP, CE, NSIC or others must be quote only.
(ii) The specifications in the schedule should strictly be adhered to and brand names and grade of all the items offered should be clearly mentioned.
(iii) Tenders are likely to be rejected in case it does not confirm to the specifications, desired make, terms & conditions etc. as laid down.
24. The Bidder should have good track record in government supplies. The Bidder should have, in last year, supplied similar items to government institutions and must enclosed a copy of order either one of these conditions:-
(i) Atleast Single purchase order of value more than Rs 1,00,000.
(ii) Atleast 2 purchase orders of value more than 50,000 for each purchase order.
(iii) Atleast 4 purchase orders of value more than 25,000 for each purchase order.
25. The number/quantity shown in the list of equipments is tentative and may be increased or decreased to any extent depending upon the actual requirement and the order for supply can be divided into quarterly/monthly requirement basis as per the discretion of the University/Department.
26. The Bidder shall submit the pre-requisite information for installation, like electrical, water facilities, air conditioning details etc. along with the tender.
27. The University/Department reserves the right to cancel/reject in full or any part of the tender without assigning any reason and to relax (to any degree) one or more of the conditions of this tender in any case.

COMPLETE AGREEMENT:

28. **The Bidders shall submit their offer on the original copy of the tender document only duly signed by them on each page** item wise rates indicating units can be offered on letterhead of the firm. Additional pages may be attached for providing supplementary information wherever need be.
29. The **Registrar, Uttarakhand Ayurved University, Harrawala, Dehradun, may in writing make any revision or change in the purchase order**, including additions or deletions from the quantities originally ordered or in the specifications. This should be communicated to the vendor within **(15) fifteen days** of the date of dispatch of such orders by the Department.

CANCELLATIONS:

30. The University/Department reserves the right to cancel the purchase order in whole or any part thereof and shall be entitled to revise the contract completely or in part by a written notice to the vendor, if:
- (a) The vendor fails to comply with the terms of the purchase order including specifications and other technical requirement.
 - (b) The vendor becomes bankrupt or goes into liquidation.
 - (c) The vendor fails to deliver the goods in time and/or does not replace the rejection goods promptly.
 - (d) A receiver is appointed for any of the property owned by the vendor.
31. Upon receipt of the said cancellation notice, the vendor shall discontinue all work of the Purchase Order and matters connected with it.

EARNEST MONEY & SECURITY DEPOSIT:

32. The Tender should be submitted alongwith a demand draft or fixed deposit receipts or Bank guarantee only in favour of the "Finance controller, Uttarakhand Ayurved University, Harrawala, Dehradun", " payable at **Harrawala**. Amount of bid security (EMD) should ordinarily range between **2% to 5%**. The given percentage will depend on the total cost of the goods/items as follows :-
- (i) Upto Rs. 1 lakh – 5%**
 - (ii) Rs. 1 lakh to 5 lakh – 4%**
 - (iii) Rs. 5 lakh to 25 lakh – 3%**
 - (iv) Above Rs. 25 Lakh – 2% shall be charged**
- Tender without proper earnest money shall not be considered. **No Cheque shall be accepted.**
33. In terms of note 2(3) to rule 273 of GFR, Bid security will be liable to be forfeited, if the Bidder withdraws or amends/impairs or derogates from the tender in any respect within the period of validity of his tender.

34. In case of equipments, only on sight warranty will be accepted. No interest is payable on the EMD and security deposit amount.
36. The purchaser has the right to forfeit performance security in case of any breach of contract committed by the supplier.

PRICE:

37. The price quoted should be F.O.R. & delivery at site (Faculty of Biomedical Science, Harrawala, Dehradun, 248001) basis, inclusive of all levies and duties **except taxes** wherever applicable which should be indicated in the offer clearly. The rate of Trade tax should be clearly indicated wherever chargeable.

VALIDITY:

38. The offer of the Bidders shall remain valid for **one year** from the date of opening of technical bid. No change in rates, technical specifications, terms and conditions will be allowed during the validity of the said tender.

GUARANTEE/WARRANTEE:

39. The supplier should invariably incorporate guarantee/warrantee clauses in his/her offer wherever applicable. While incorporating G/W clause, nature & duration should be specifically mentioned.
40. Supplies will be strictly as per brand/specifications as specified in the tender form. Product must bear the brand name, lot no., date of manufacturing and date of expiry etc. as the case may be. Substandard supplies shall be rejected outrightly and the supplier shall be held responsible to make good the loss so incurred and that the University shall take necessary action against the firm/supplier, as deemed fit.
41. If during the period of tender, the price(s) of the contracted stores falls, the supplier shall have a binding to charge the prevailing lower rates against the higher contract price. However, the purchaser is not liable to compensate the supplier any hike in the tender price during the contact period.
42. Free replacement will be made against defective/damaged supplies by the firm/supplier at their own cost & risk at user's site.
43. The successful Bidder is also required to submit two sets each of the **operating manual & service manual** along with the relevant **circuit diagram** of the supplied equipment/instrument.

PAYMENTS:

44. The payment would be released after full delivery, inspection of the supplied equipment and satisfactory testing of the equipment/instrument, submission of performance bank guarantee AMC

and other relevant papers pertaining to all statutory clearance (to be done at the Vendor's end). In case of imported items the letter of credit will be established on 80% of CIF destination value.

DELIVERY:

45. Supply of ordered material should be/required to be completed within stipulated date/time from the date of issue of firm order failing which the university reserves the right to forfeit the earnest money and cancel the order. Part supply shall not be accepted normally however in genuine case, permission may be granted.
46. Rejected equipment/instrument would be removed by the Vendor from the site.

FORCE MAJEURE:

47. Forced Majeure shall mean and be limited to the following:
- (a) Any war/hostilities
 - (b) Any riot or civil commotion
 - (c) Any earthquake, flood, tempest, lightning or other shall natural physical disaster.
 - (d) Any strike, or lockout (only those exceeding ten continuous days in duration) affecting the performance of the sellers' obligation.
48. The seller shall advise the University by a registered letter duly certified by local chamber of commerce or statutory authorities the beginning and end of the above causes of delay within seven (7) days of occurrence and cessation of such Force Majeure conditions in the event of delay lasting over one month, if arising out of causes of Force Majeure, the university reserves the right to cancel the order and the provisions governing termination stated under article shall apply.

PENALTY & DISPUTES:

49. In case of supply order being placed on you:
- “As time is the presence of this order, the date of delivery should be strictly adhered to otherwise the University reserves the right not to accept delivery in part or full and claim the liquidated damages 1% per week subject to a maximum of 10% of total value of the supply order.”
50. Any dispute arising in process of the tender, the matter shall be referred to the sole arbitrator who in such case shall be the “**Vice-Chancellor, Uttarakhand Ayurved University, Dehradun**”, and whose verdict shall be binding on both the parties. The jurisdiction of Dehradun Courts only shall be the venue for settling legal disputes if any.

Signature of issuing authority

I have read the above terms & conditions (From 1 to 50) and understood them carefully and agree to abide by the same.

Dated: _____

**Signature of Bidder
With seal**

51. (In case tender documents are downloaded from University Website by the firm then following certificate should also be signed by the Bidder).

“Certified that we have downloaded the tender documents from University Website and for any difference in contents from original document we shall be fully responsible and understand that purchase order placed, if any, may be terminated by University on this account. The tender fee of “Rs. 200 + VAT 13.5% =Rs. 227/-” is enclosed in shape of Bank Draft No date drawn in favour of “**Registrar Uttarakhand Ayurved University**’, Payable at ‘**Harrawala**’.

**Signature of Bidder
With seal**

INSTRUCTIONS TO THE BIDDER

1. Tender should be addressed to the “Registrar, Uttarakhand Ayurved University, Harrawala (Dehradun), Uttarakhand and be sent in a properly sealed cover. The tender should be sent in an envelope superscribed as “Tender for the supply of Equipments, Prefabricated lab Faculty of Biomedical Sciences, Due on
2. The stores offered should be strictly according to the brand/specifications as mentioned in the tender documents.
3. Earnest money as per conditions stipulated shall be deposited along with the tender/technical bid in the shape of an DD/FDR/TDR, duly pledged or in favour of the “Financial Controller, Uttarakhand Ayurved University, Harrawala (Dehradun), Uttarakhand”. Tender without earnest money will not be accepted. In case tender is not accepted for award of contract, the earnest money shall be refunded after its finalization. The EMD should be drawn from the account of the tendering firm otherwise tender shall be rejected. FDR/TDR issued in personal name shall not be accepted.
4. Tenders shall be received in the office of the “Registrar, Uttarakhand Ayurved University, Harrawala (Dehradun), Uttarakhand & opened as per schedule given in the notice in presence of the Bidders or their representative who may like to be present at the time of opening of the same.
5. The tenders may be dropped in the Tender box kept in the office of the issuing authority and the same may also be sent by post/courier but the University will not be responsible for any postal delay or otherwise. Tenders received after the stipulated date & time are liable to be rejected.
6. Tender for each brands/stores of material as specified in the notice inviting tender/press notification is required to be submitted separately.
7. Firms black-listed by any of the department of central/state govt. or Uttarakhand Ayurved University need not to tender.
8. Interim enquiries or subsequent offers if any, will not be entertained.
9. Tenders, which do not fulfill all or any of the above conditions or found incomplete in any respect are liable to be rejected.
10. The Earnest Money shall be released only after satisfactory installation of equipment/items in all respect and as per the terms & conditions of the tender.
11. The acceptance of tenders rests with the Vice-Chancellor of the University who does not bind himself to accept the lowest tender & reserves the right to reject or partially accept any or all the tenders without assigning any reason whatsoever thereof.
12. Every Bidder shall give a certificate in writing about the manufacturer whose brand is being promoted by him.
13. The maximum rate of discount on the manufacturer’s price list offered by the Bidder & the rates tendered may be indicated clearly in figures and words.
14. No overwriting or cutting on the prices is allowed; if so certificate of the manufacturer to this effect may be attached with the tender.

Signature of issuing authority

I have read all instructions (From 1 to 14) carefully and promise to abide by them during the period of contract.

Dated: _____

**Signature of Bidder
With seal**

1. Specification of instruments

Agarose gel running assembly

1. Basic unit with 15x20 cm gel casting kit, two combs with 10 and 20 wells, Casting kit requires no tape/dams, Safety lid with sheathed electrodes for safety; Capable of running 15x10 , 15x15 and 15x20 cm gels; Leak proof; Simple assembly (with colored electrodes); Easy to clean; Easy lid removal; flexible design.
2. Power pack: (Voltage : 6 - 500 V or more; Current : 1- 370 mA or more; Power : 1-100 W or more; Timer : 1 min to 500 hr or more continuous; Safety feature overload/short circuit protection; floating output; no plastic part; LED/LCD display with push buttons; Automatic recovery on power failure).
3. Warranty of at least two years must be provided.
4. AMC for a period of 3years after warranty to be quoted.
5. CE / ISI mark or other equivalent quality certification.

Gradient PCR machine

1. Thermal Cycler with sample capacity of 96 x 0.2ml tube or 96 wells PCR plate
2. Heated Lid (37°C to 110°C)
3. Block Temp. Accuracy $\pm 0.2^{\circ}\text{C}$ or better
4. With gradient temperature range of 40°C to 99°C.
5. Ramp rate of heating at least 4°C/Sec.
6. 700 programs or more storage.
7. Security feature: Password protection.
8. Graphical Display
9. Licensed and authorized for PCR application
10. PCR should have provision to upgrade for RT-PCR
11. Power/Voltage: 220-240 V AC, 50/60 Hz.
12. Warranty of at least two years must be provided
13. AMC for a period of 3 years after warranty to be quoted.
14. CE / ISI mark or other equivalent quality certification.

Gel Documentation System

- 1- The System should be able to to image fluorescent DNA, RNA and protein gels, colorimetric gels & blots and colony arrays.
- 2- High resolution CCD camera: 4 mega or more pixel resolution with 1360x1024 pixel array.
- 3- Data acquisitions: 12 bit and 4096 gray level. Pixel Size: 4.6x4.6 micron.
- 4- Motorized control for zoom with numerical feedback and software acquisition preset integrated into an intuitive and easy to use interface along with gel alignment templates, aperture & Iris with f/1.2, 12-75 mm lens with broad range amber filter.
- 5- Gel alignment templates matched to agarose or protein gel trays and ready gels.
- 6- Blue illumination integrated in a light tight darkroom with software controlled illumination to view DNA gels using blue excitable DNA fluorescent stains such as Gelscreen, SYBR safe dyes and SYBR Green.
- 7- UV and white light source : 302 nm illumination source having 25x26 Tranillumination area with White Light Converter screen for viewing protein gels with trans blue illumination
- 8- Fire wire connectivity, with 3 position filter slider with amber filter
- 9- Software for imaging and analyzing 1-D electrophoretic gels, dot blots, slot blots, and colony counts. Software should be able to do:-
 - Quantitate and analyze a variety of data.
 - Rapid molecular weight determinations with choice of multiple regression models. Band/lane matching analysis with comparative dendrogram creation.
 - Background subtraction correction of gradient gels.
 - VNTR and Phylogenetic tree formation.
 - Colony counting that discriminates colonies and plaques.
 - Array tools to analyze and quantitate dot blots, slot blots, and medium density arrays.
 - Annotation tools to add text and lines.
 - 3 D viewer for critical analysis of closely spaced bands.
 - Tools for compliance with US FDA 21 CFR Part 11 regulations Automation Manager for recall of lane and sample layouts
 - Molecular weight determination, Volume overlays, Text and line overlays

10-Dynamic range should be more than 3 orders of magnitude.

11- A Branded Work Station system with dual core Processor, 2GB RAM, 250 GB HDD, DVD R/W Drive, with 17" TFT , Windows XP Pro, compatible for running the 1-D software

12- Online UPS (1 KVA) of reputed brand.

13. Warranty of at least two years must be provided

14. AMC for a period of 5 years after warranty to be quoted

15. CE / ISI mark or other equivalent quality certification.

Binocular compound microscope

1. Body-Inter changeable inclined Binocular body, 360° rotatable head.

2. Objectives-Parfocal, antifungal coated 4x, 10x, 40x and 100x (oil immersion) with plan achromatic correction.

3. Eyepieces-Highest quality 10 X wide angle anti fungus field eyepiece.

4. Optical system-Infinity corrected.

5. Stage -Horizontal mechanical stage preferably 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation preferably through 30 x 70 mm

6. Sub stage-Abbe condenser focusable, continuously variable iris diaphragm.

7. Illuminator-Built-in LED light source with white light.

8. Finish-A durable textured acid resistant finish.

9. Warranty: At least two years from the date of installation

10. AMC for a period of 3 years after warranty to be quoted.

11. CE / ISI mark or other equivalent quality certification

12. Other Features

(i) Should provide with wooden storage box, dust cover, immersion oil.

(ii) Electrical safety certification.

(iii) Should work with input 200 to 240Vac 50 Hz supply.

Refrigerated micro centrifuge

1. Max. RPM- 17,000
2. Max. RCF- 23,000 x g
3. Max. Capacity 24 x 1.5 ml / 2ml
4. Time- 99Min 59 Sec
5. Temp- -10⁰C
6. Display – RPM, RCF, Time, Temperature, Rotor number, Program, Acc/Dec. Memory
7. Motor - BLDC/400W
8. Accel/Decel - accel:15 sec. decel:15 sec, 5 step
9. Rotor -Fixed Angle 1.5/2.0ml x 18, 1.5/2.0ml x 24,
10. PCR Rotor- 0.2ml x 32
11. Dimension 2917. Warranty of at least two years must be provided
12. A1.50M-24 - 1.5/2mlx24, 15,000rpm, 21000 x g (fixed angle rotor)
13. Fast Cooling & maintain 4⁰ C at max speed
14. Emergency lid lock release option
15. Maintenance free operation
16. Memory function
17. Opening, Imbalance recognition, Door lock
18. AMC for a period of 3 years after warranty to be quoted
19. CE / ISI mark or other equivalent quality certification

5W x 553D x 282H/mm

Electronic Analytical Weighing balance

1. Capacity : 0.1 mg to 200gm or more
2. Readability : Minimum 0.1 mg
3. Repeatability : (+/-) 0.3 mg
4. Linearity : (+/-) 0.1 mg
5. Pan Size : 80 - 90 mm
6. Response Time : Less than 6 sec.
7. Display : LCD Display
8. Calibration : Perfect internal calibration
9. Tare Range : Full
10. Power supply : 230-240V AC , 50-60Hz
11. Memory functions
12. Warranty of at least two years must be provided
13. AMC for 3 years after warranty
14. CE / ISI mark or other equivalent quality certification.

Vertical deep freezer

1. Internal minimum capacity about 300 L, double door with adjustable at least 4-5 shelves each with separate inner door for better sample protection through minimum sample warming.
2. External casing should be MS sheet made and duly powder coated body, non-corrosive; and stainless steel inner chamber.
3. Range of temperature should be up to -20 to -40⁰C (adjustable), temperature deviation of maximum +/- 3 0C with proper display.

4. Control unit should be Microprocessor controlled.
5. Freezer condition monitor – Alarm indicators, maintenance indicator to take care of eventualities like power failure, high or low temperature, door open, probe failure etc.
6. No condensation on storing material with automatic electric defrosts.
7. Temperature date logger, Temp chart recorder.
8. Rechargeable battery backup including charger maintenance free.
9. Dual door system with inner glass or plastic door, suitable for ambience with temperature of 10⁰C to 40⁰C.
10. Voltage 220VAC, 50Hz.
11. Three years warranty, 5 yrs comprehensive AMC should be available with service centers in close proximity.
12. Should have all the accessories required for the functioning of the equipment.
13. CE / ISI mark or other equivalent quality certification.

2. Specification of prefabricated lab

- (i) Length – 24ft
- (ii) Width – 18ft
- (iii) Table width should be – 2.5 ft
- (iv) Height of table should be – 3 ft
4. Table with marble top or powder coated on sturdy tubular frame.
5. One reagent rack on each table should be provided.
6. One cabinet should be provided with each table.
7. Wash basin and with power point (5,15 Amp) must be provided with each table.
8. At least two years warranty should be provided from the date of installation

PART 'B'

FINANCIAL BID

1. This part shall be opened only on the satisfactory acceptance of **“PART-A (Technical Bid)”** of Tender Bid.
2. Ensure that Financial Bid is not included in “Part-A” otherwise the tender may be rejected.
3. To be submitted in a separate envelope superscribing **‘Financial Bid’**.

TENDER FORM FOR THE SUPPLY OF : _____

“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE. THE NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID”

PART-(B): Financial Bid
(To be kept in a separate sealed envelope)

Bidder's reference No. _____ Dated: _____

1. Application for the supply of : _____

2. Name of the Bidder : _____

3. Address : _____

(A) Telephone No. _____ (B) Mobile

No. _____

(C) Fax No. _____ (D) e-mail

4. Status of the applicant : _____

(Whether manufacturer/(original) authorized Indian Agent/Authorized distributor/Authorized Dealer/Trader as per tender notice. (Certificate Must be submitted from appropriate authority)

5. Telephone No., Fax No., e.mail of Foreign principals : Telephone _____

Fax No. _____

e.mail _____

6. Registration No. with DGS&D (in case : _____

The authorized Indian agent of foreign manufacturers)

7. Country of origin of the equipment : _____

Indigenous _____

8. Cost of equipment

Sign of Bidder

(i) In Indian Rupee	:	_____
(ii) In foreign currency	:	_____
a. FOB value with currency	:	_____
b. Insurance & freight charges	:	_____
c. CIF value with currency	:	_____
9. Validity of rates (Period)	:	Minimum One Year
10. Mode of supply	:	_____
Direct/Through dealer (Please give full Name & address of the dealer (if any))	:	_____
11. Specify VAT	:	_____
(A) Full VAT/CST	:	_____
(B) Concessional VAT/CST	:	_____

NOTE:

- (i) Over writing in tender will not be accepted. Cutting if any should be properly signed by the Bidder.
- (ii) University is not bound to make any part payment if full supplies are not made at a time and make purchase on lowest quoted rates.
- (iii) The Bidder should enclose required certificates in the same order as mentioned above & serialize them accordingly, and fillip all columns of the tender documents strictly.
- (iv) Before sending /submitting the application/tender, the applicant should read carefully the attached terms & conditions and instructions sheet.
- (v) Bidder should clearly mention the tax, duties and any other levies applicable apart from the price in their offer.
- (vi) Kindly quote individual prices for every items.

Signature of issuing authority

Dated: _____

**Signature of Bidder
Name & Seal of Firm**

(ii) List of required items

S. No.	Name of items to be supplied	Qty	Quoted Rate in digit	In words
1.	Agarose gel running assembly	01		
2.	Gradient PCR machine	01		
3.	Gel documentation system	01		
4.	Binocular compound microscope	01		
5.	Refrigerated microcentrifuge	01		
6.	Electronic Analytical weighing balance	01		
7.	Vertical deep freezer	01		
8.	Prefabricated lab	01		