

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

Tender Notice

Sealed tenders are invited for purchase of following items/Instruments in the Centre for Biotechnology, M.D. University, Rohtak:-

i)	Deep Freezor (-80°C)	-	Two
ii)	Multiple Microplate Fluorescence Reader	-	One
iii)	i-7 Computers	-	Ten
iv)	Ultra pure Water purification system	-	One
v)	Gel Documentation System	-	One
vi)	Uv-Visible Microplate Spectrophotometer	-	One
vii)	Differential GEL Electrophoresis System	-	Two
	Power Supply		
	I.E.F. Chamber		
	Electrophoretic Chamber (Vertical)		
	GEL Documentation System.		
viii)	Denaturing Gradient Gel Electrophoresis	-	One
ix)	Western Blot Apparatus	-	One
x)	Refrigerated Centrifuge	-	One

Tender for each item should be accompanied by (i) a Demand Draft for prescribed Tender Fee and (ii) a Demand Draft for the earnest money equal to 2% of the quoted rates on the total amount involved in favour of Finance Officer, M.D. University, Rohtak so as to reach, The Programme Coordinator, IPLS Grant, Centre for Biotechnology upto 22.01.2013. The tender should comprise of Technical Bid along with Demand Drafts for Tender fee and Earnest money in one sealed envelope and Financial Bid in other sealed envelope. The detailed specifications and Terms and Conditions can be obtained from the Department office, or be downloaded from the University website

www.mdurohtak.ac.in.

REGISTRAR

CENTRE FOR BIOTECHNOLOGY
MAHARSHI DAYANAND UNIVERSITY, ROHTAK.

TERMS AND CONDITIONS OF THE TENDER FOR SUPPLY OF EQUIPMENTS

(Under DST FIST/DBT-IPLS/UGC-SAP Project)

The equipment/s as per specification given overleaf /attached are to be purchased for the department under the DST- FIST/DBT-IPLS/UGC-SAP Project. You are requested to kindly quote your rates for the same. The following terms and condition for quoting the rate may kindly be kept in view while you do so.

1. All charges payable by University should clearly be stated.
2. Sealed quotations/ tenders should be addressed to the Programme Coordinator (DST-FIST/DBT-IPLS/UGC-SAP), Centre for Biotechnology M.D. University, Rohtak and reach the office of the undersigned on or before 22.01.2013 quoting our reference and due date of opening on the envelope
3. The quotations/tenders should be submitted only if material is available in your ready stock or can be supplied within one month after the order is place. The Tender should comprise of Technical Bid along with Demand Draft for Tender fee and earnest money in one sealed envelope and Financial Bid in other sealed envelope.
4. The quotations/tenders will be opened in the office of the undersigned by the purchase committee on 31.01.2013 (Thursday) at 11.00 a.m. in the presence of the parties or their representatives whosoever like to be present. The Committee reserves the right for negotiation thereafter if considered necessary.
5. An amount of 2% of quoted amount only in the shape of bank draft in favour of Finance Office, M.D. University, Rohtak as earnest money should accompany the quotations/tender, in absence of which the quotations/tenders will not be entertained.
6. Tender received without earnest money or after due date shall not be entertained except with special approval of the Registrar. All rates should be quoted for 'FOR' Centre for Biotechnology, M.D. University, Rohtak. The process of custom clearance will be the responsibility of the supplier. Charges such as transit insurance etc. should be mentioned separately, if any.
7. As far as possible, the rates should be quoted for the make and specifications of the items given. In case any alternative/equivalent item is offered its specification and leaflets may be sent with the tenders/quotations. The sample of material should accompany the tender/quotations for records.

8. Guarantee/warranty period for equipments should be clearly specified/ mentioned. The AMC charges/ year should be quoted separately.
9. The payment can be made in foreign currency/T.T. as per rules. 100% percent payment will be made on the receipt and inspection of goods/items to ensure the specifications and their good conditions by the inspection Committee. However, this condition may be relaxed in deserving cases.
10. If your rates are approved by the DGS&D and other central or state Agency, the rates of the same must be quoted and the copy of the rate contract be attached.
11. Tender must be submitted by either manufacturer or their authorized dealer/distributors. Authorization letter in proper format must be attached with tender otherwise bids will not be considered. Authorization letter should be on Letter Head of manufacturer and should be signed and stamped. Tenders from dealers will be rejected without proper authorization letter from the manufacturers.
12. The University stands exempted from the payment of Central Excise Duty/Custom Duty. The rates be quoted keeping that fact in view, Necessary certificate will be provided by the University.
13. If a holiday occurs on the opening day, the tenders will be opened on the next working day.
14. The tenders received not in proper sealed cover shall not be considered and will be liable for rejection in a straightway.
15. In the case contractor/supplier backs out of his contract, the earnest money deposited by him shall be forfeited besides any other action as may be considered by the Vice-Chancellor.
16. Dispute if any, will be subject to Rohtak jurisdiction.
17. The University reserve the right to increase or decrease the number of items/Instruments to be purchased.
18. The University reserves the right to reject any or all quotations/tenders without assigning any reason thereof.
19. Preference will be given to reputed brand in the market like G.E. Healthcare/ Bio-Rad/Eppendorf/Thermo Fisher/Invitrogen/DELL/Millique etc.

Programme Coordinator

DST-FIST/DBT-IPLS/UGC-SAP

Specifications for Equipments

Isoelectric focusing unit:

Run up to 12 IPG strips of various lengths (7, 11, 13, 18, or 24 cm) simultaneously
voltage upto 10,000V
System should have display for creating and editing protocols
Peltier solid-state temperature control (18–25 °C)

Power supply (High voltage):

Output of 5,000 V, 500 mA, and 400 W
Output of voltage, current and power should be fully adjustable
Number of output jacks up to 4 sets
Should have display, Time control, pause and resume functions

Power supply (High Current):

Output specifications: Voltage 250 V, current 3.0 A, power 300 W
Output of voltage, current and power should be fully adjustable
Should have up to four sets of output terminals
Should have time control and pause and resume functions.

Western blot apparatus

Semidry transfer system requiring minimum buffer
Capable of transferring 2-4 minigels at a time, midigels and large gels
Platinum coated electrodes
Transfer should occur in 15-60 min

Refrigerated table top centrifuge

Speed 15,000-20,000 rpm, Microprocessor controlled, LCD display, Motor driven lid lock,
Automatic rotor identification system, Stand still cooling & pre cooling, speed selection in RPM
and RCF, programme storage, 24 x 1.5/2.0 ml & 6 x 50 ml rotors, Plate rotor.

Gel documentation system

Easy to operate imaging technology with simple, intuitive software
Applications: Gel documentation, Fluorescence, Colorimetry/densitometry,
Excitation source: trans-UV, trans white, epi-white
A camera with a scientific grade megapixel CCD sensor
Ideal for documentation, visible imaging applications of all kinds and quantitative analysis

-80°C upright deep freezer

Capacity- 360-380 Ltr, Temperature Range -50° to -80°C, Microprocessor Controls, steel
cabinets, Stainless steel interior, High-strength steel with corrosion-resistant coating, Secure
inner doors, Compressor-1.5hpx2, washable filters, Defrosting, CFC-free refrigerant, Double
Door Option, CO₂ backup, storage racks stainless steel, storage boxes (preferably EPC).

Ultrapure Water Purification System

RNases & DNases free ultrapure water, Resistivity, MΩ·cm at 25 °C (Ultrapure Water: 18.2), <5 TOC, ppb, < Particulates: 1 particulate/mL, Bacteria: < 0.1 cfu/mL (BioPak end filter), Pyrogens: < 0.001 EU/mL (BioPak end filter), Flow Rate: 2 L/min, Supply voltage: 100– 230 V +/- 10%

UV-Visible microplate spectrophotometer

- 1) Microplate (6-384well plate) and standard cuvette readability
- 2) Complete UV-Visible range- 190 to 1000 nm in 1nm increment
- 3) Monochromator based wavelength selector
- 4) Temperature control
- 5) Microplate Shaking
- 6) Automated pathlength correction
- 7) Data analysis software and Computer system
- 8) Applications: End point, kinetics, spectral scan, multiple wavelength readability
- 9) Accessories: Quartz 96 well microplate

Multi-Mode Microplate Reader

- 1) Detection modes: UV-Visible Absorbance, Fluorescence intensity, Luminescence, Time resolved fluorescence, Fluorescence Polarization
- 2) Plate formats-6-384 well plates
- 3) Monochromator based wavelength selection
- 4) Temperature control
- 5) Microplate shaking
- 6) Automated path-length correction
- 7) Data analysis software and Computer system

Electrophoretic chamber vertical:

18x16 cm plates,
capable of running 1-2 gels including buffer tank, lid with power cables, casting stand, 2 casting frames, 10-well combs, sets of glass plates

i-7 computer:

Operating System Genuine Windows® 7 Starter 32 bit
Genuine Windows® 7 Professional 64 bit
Processor
3rd Generation Intel® Core™ i7 3770S
DISPLAY
G550/20" Wide LCD 16:9 (1600x900)
FORM FACTOR

All-in-One

Memory

8 GB 1600 MHz7 DDR3 (SODIMM)

Graphics

Intel® HD Graphics HDD

Storage

HDD 1TB (7200 RMP)

128GB 2.5" SSD

I/O (INPUT/OUTPUT) PORTS

Side

(2) USB 2.0, (1) Microphone (1) Headphone

Rear

(4) USB 2.0, (1) Display Port (output)

Optical Device

Slim DVD-ROM

Slim DVD Rembo

AUDIO

(2) 2W Integrated

Digital array MIC

KEYBOARD

Lenovo® Ultra Slim Plus Wireless

MOUSE

Ultra Slim Plus Wireless Mouse

Enhanced Optical Wheel Mouse (USB)

WEBCAM

0.3 Mega Pixel HD8