

MAHARSHI DAYANAND UNIVERSITY ROHTAK

TENDER NOTICE

Sealed Tenders are invited subscribed as “Tender for Equipments” for supply of Instruments along with earnest money equal to 2% of the quoted rates on the total amount involved in the shape of Bank Draft in favour of Finance Officer, M.D. University, Rohtak so as to reach the Department of Environmental Sciences upto 24-9-2012 .

The Tenders will be opened on 26-9-2012 at 11.30 a.m. in the Office of the undersigned.

Interested supplier may have the detailed specifications and Terms & Conditions from the

Department of any working day up to 5.00 p.m. or from University Website

www.mdurohtak.ac.in

Head

Department of Environmental Sciences

NOTE TO BE PUBLISHED IN PRESS (only for display on website and to supply to the firm)

1.General Specification for Ultra Low Temperature Deep Freezer

Construction Features

- Must include Non-CFC Refrigerants.
- 13 cu.ft. capacity upright ,with (2) 1 horse power compressors ,230 Volt "New latch and handle for ergonomic handling and one hand operation
- Durable Stainless steel interior with inner doors.
- Down -feed evaporator
- Adjustable solid Stainless steel shelves.
- Triple -sealing silicon door gasket.
- 5 "non-CFC foamed-in -palace polyurethane insulation ;4.5 " in door
- Two 10 "tube axial fans to provide maximum cooling of the compressor housing.
- Heavy -duty dual wheel swivel locking casters.
- Automatic voltage compensator responds to high and low voltages.
- Powder coat paint for a durable surface
- Service valves provided to allow easy recovery of refrigerants and field servicing.
- Front to back airflow with Removable ,cleanable air filter
- Hinged grill swings out for easy access to filter and battery.

- A vacuum relief port allows easy re-entry after door openings.
- 2 "open x12 " long heavy duty hinges for ensuring positive closure and un-interruptive service.

Temperature Control

- The microprocessor controller must monitor in one degree C increments ,with digital display.
- Eye level information center for At -a-Glance Monitoring
- Temperature probe must be positioned to insure the alarm before the stored product can be affected by a rise in temperature.
- Battery back-up for the alarm monitoring system
- Both Visual and audible alarms must alert operator of over and under temperature, power fail, door ajar and flow battery conditions.
- Dry contacts included for connection to optional remote alarms.

Certifications

- UL Listed
- cUL
- CE Mark
- Manufactured by an ISO-9001 Company.

2. General Specification or equivalent for Refrigerated Bench Top Centrifuge

Technical Specifications:

Maximum RPM: 18,000 RPM

Maximum RCF: 30,070 x g

Temperature Range: -20°C to +40°C

Microcontroller ,brushless drive motor ,Single K nobe TFT Screw,magnetic rotor,imbalance cutoff.

Optional Requirements-

Rotor 1 -10x10ml

Rotor 2 -24x1.5ml

3. Freeze Dryer (Lyophilizer)

Specifications:

2.5-5 L Ice capacity, Condenser Temp. up to -50oC,

Refrigeration system: 2 unit x 1/3 HP, Double stage

vacuum pumps, Electronic controller cum vacuum

indicator, with 3 step automatic voltage stabilizer,

hermetically sealed CFC free compressor, vacuum drum

made of stainless steel, Moisture Sensor to prevent

moisture inside vacuum pump,

12 port stainless steel drying chamber for connecting up to

48 flasks or vials

4.General Specification or equilent for Advance Research Inverted Microscope/Fluorescent

Nikon/Zeiss/Leica/Olympus

- Inverted Microscope for bright field ,phase contrast ,with 12V120W transmitted light &100 W Hg fluorescence system.

- Fluorescent light axis with fluorescence intensity Manager (FIM) with 5 or more position fluorescence turret and should have the feature of adjustable aperture and field diaphragm.
- Manual transmitted Light Illumination Arm ,with integrated manual field diaphragm ,Integrated manual filter magazine for 2 replaceable filter positions.
- 6 position objective turret for all contrasting technique.
- Fluorescent filter system UV,Blue and Green.
- High resolution colour digital camera with 5 MP CCD & Resolution upto 12.5 MP,peltier cooling active cooling up to -20 or better ,fast live image capture ,camera should have the feature of fast and ultra sharp grayscale.
- Camera should produce 1:1 image on PC.

Software Features

- Automatic recording of experimental parameters for reference or reloading for subsequent experiments viewing, organising and exporting data.
- Intensity,length and area measurements.
- Compatible Data Station.

TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

1. Every tender shall be accompanied by the earnest equal to 2% of the involved value. The earnest money should be deposited through Bank Draft in favour of the Finance Officer, M.D. University,Rohtak, payable at the State Bank of India, Maharshi Dayanand University, Rohtak.
2. The tender received without earnest money or after the due date shall not be entertained except with the special approval of the competent authorities.
3. The supplies shall be executed within the time specified in the supply order which may be extended by the Registrar on other application of the supplier explaining reasons/circumstances due to which time limit could not be adhered to. In the event of the supplier failing to supply the material within time, he

shall be liable to pay as compensation an amount equal to one percent or such small amount as the Registrar may decided on the said amount of the contract, for every day that the quantity remains incomplete, provided that the entire amount of compensation shall not exceed 10 percent of the total amount of the contract. An appeal against these orders shall however lie with the Vice Chancellor whose decision shall be final.

4. In case the contractor backs out of his contract, the earnest money deposited by him shall be forfeited besides any other action as may be considered necessary by the Vice-Chancellor.

5. All the charges including packing, forwarding and installation, taxes and other levies should be specified in the tender. The charges etc. not specified in the tender shall not be paid.

6. The quantity of material/supplies shall be subject to increase or decrease on the tendered rates. This increase or decrease shall be communicated by the University within 230 days of acceptance of the tender.

7. Supplies shall be made as per the schedule and within such time as is indicated in the supply order.

8. 100% payment will be made on receipt and inspection of goods to ensure the specifications and their good condition.

9. The rates accepted by the University shall be applicable up to 31.3.2012 and the supplier shall have to make supply during the period as and when required.

10. The tenders shall be opened on 26-9-2012 at 11.30 a.m. by the Purchase Committee in the presence of contractor/supplier and the Committee reserves the right for negotiation thereafter if considered necessary.

11. The Registrar reserved the right to reject or accept any offer without assigning any reasons.

12. All disputes subject to **Rohtak jurisdiction**.

13. Guarantee/warranty of items must be mentioned.

14. **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.

15. No tender documents will be issued and rates are to be officered on company's letter pad.

16. If a holiday occurs on the opening day, the tenders will be opened on the next working day.

17. The tenders received not in proper sealed cover shall not be considered and will be liable for rejection in a straightway.

18. Rates for each item are to be quoted in a separate letter head and are to be sent in a separate cover.

Registrar