

## **MAHARSHI DAYANAND UNIVERSITY ROHTAK**

### **TENDER NOTICE**

Sealed Tenders superscribed as “**Tender for Cooling Centrifuge and Lyophilizer**” are invited for supply of Cooling Centrifuge and Lyophilizer, with earnest money equal to 2% of the total amount involved in the shape of Bank Draft along with a separate draft of Rs.1000/- as tender fee in favour of Finance Officer, M.D. University, Rohtak so as to reach the Head, Department of Pharmaceutical Sciences, up to 09.06.2014.

For detailed terms & conditions, visit the University Website [www.mdurohtak.ac.in](http://www.mdurohtak.ac.in). The tenders will be opened on 11.06.2014.

**REGISTRAR**

## DETAILS OF EQUIPMENTS TO BE PURCHASED

S.N.	NAME OF THE EQUIPMENT	QTY. and Cost	SPECIFICATION/MAKE
1.	Cooling centrifuge	1 (ONE); Rs. 9.00 lakhs	<p>Sigma or Eppendorf                      Microprocessor controlled with single knob for all operations and large TFT display screen                      Max Speed : 30,000 rpm with 60,000xg RCF or more                      High speed angle rotor with 6 x 30 ml capacity with adapter of 10 ml with 26000 rpm and RCF of 60000xg or more                      Option for large capacity PCR rotor with at least 12x8x0.2 ml PCR strips with speed of 16000 rpm or more with 29000 ecf or more                      Refrigerated system with Temp. range of -20 to 40°C &amp; CFC free refrigeration                      Self diagnostic error message with audible alarm                      60 user program storage memory, Runtime Pre selection upto 9 hrs 99 min or continuous run                      Maintenance Free, noiseless, brushless motor drive and Operating noise &lt; 65dB (A); Should have imbalance detection                      Preselection &amp; permanent display of set &amp; current parameter in terms of rpm, rcf &amp; time. Short run function with display of run time in seconds                      Automatic rotor identification prevents rotor over speeding                      Should have 30 curves for acceleration &amp; deceleration, 10 freely programmable with graphic display                      Fitted with motorized lid locks with facility of automatic lid opening after the run                      Illuminated symbol key start, stop and lid open                      Operates on 230V 50Hz                      Required Rotor:                      High speed angle rotor with 6 x 30 ml capacity with adapter of 10 ml with 26000 rpm and RCF of 60000xg or more                      200 tubes for 6x30 ml                      Warranty –1-3 Year.                      Supplied with suitable accessories to make the system functional</p>
2.	Lyophilizer	1 (ONE); Rs. 8.00 lakhs	<p>Labconco/Martin Christ                      Upright stainless steel collector coil condenser with holding capacity 2.5 Liters of ice before defrosting and have capacity of removing 2 liter in 24 hours.                      CFC-free refrigeration system to cool collector to - 50°C.                      LCD displays system operating parameters, set-up parameters and alarm messages</p>

		<p>Alarm system (Audible and visual) for Power failure(Inbuilt feature to protect the system from Power cuts /failure), improper voltage supply, Collector temperature rise above <math>-40^{\circ}</math> C, Service vacuum pump (after 1000 hours of vacuum use), Moisture in collector.</p> <p>Stain less steel drying manifold with 12 ports to connect flasks of different sizes along with one product shelf and flask of different capacity along with their 45 Deg angled SS connector.</p> <p>Rotary Vane Vacuum Pump with minimum displacement capacity of 90 L/min or more @ 50 hz. along with 2 liter oil (Extra) for vacuum pump.</p> <p>Suitable trap to trap minute acid percentage.</p> <p>Moisture sensor to prevent vacuum start up when moisture is detected in the collector chamber area or start vacuum pump after <math>-40</math> Deg C Collector coil.</p> <p>Vacuum control to maintain set point vacuum level.</p> <p>Separate graphical and wave display to indicate that conditions are right to add samples.</p> <p>Display of total number of hours of refrigeration, operation and the total number of hours of vacuum pump operation.</p> <p>40 ml flask and 80 ml flask (4 each) along with suitable compatible St. steel 45 deg angled connector/adaptor SS angled adaptor for conical flask (for Borosil flask)</p> <p>IQ and OQ documentation.</p> <p>vacuum grease – silicone free along with system.</p> <p>Warranty: 1 -3 year.</p> <p>Supplied with all the required accessories to make this system functional and protected from electrical surges.</p>
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## **TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY**

1. Every tender shall be accompanied by the earnest money equal to 2 % of the involved value along with a separate tender fee of Rs.1000/ - . The earnest money and the tender fee 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. Technical bid and financial bit should be in separate sealed envelopes. EMD amount draft should be in the financial bid but the processing fee draft should be in outer envelope or the envelope containing technical bid. All envelopes must be in an outer sealed envelope.
3. The tender received without earnest money or after the due date shall not be entertained except with the special approval of the competent authorities.
4. The supplies shall be executed within the time specified in the supply order which may be extended by the Registrar on an 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 decide 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.
5. 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.
6. 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. Items are to be supplied on “FOR, Department of Pharmaceutical Sciences” basis. The supplier should specifically mention the cost of transportation / transit insurance, etc. in the quotation itself.
7. The quantity of material/supplies shall be subject to increase on the tendered rates. This increase shall be communicated by the University within 30 days of acceptance of the tender.
8. Supplies shall be made as per the schedule and within such time as is indicated in the supply order.
9. 100% payment will be made on receipt and inspection and installation of goods to ensure the Specifications and their good condition.
10. The rates accepted by the University shall be applicable up to 31.3.2015 and the supplier shall have to make supply during the period as and when required.
11. The tenders shall be opened by the project purchase committee (PPC) on 11.06.2014 at 03:00 PM in the office of Chairman, Project Purchase Committee, Department of Chemistry MDU, Rohtak in the presence of contractor/supplier and the committee reserves the right for negotiation thereafter if considered necessary. The committee

may also reject/consider any item on quality terms provided they should comply the specifications.

12. The Registrar reserves the right to reject or accept any offer without assigning any reason.
13. All disputes subject to Rohtak jurisdiction.
14. Guarantee / warrantee of items must be mentioned.
15. The University stands exempted from the payment of Central Excise Duty/Custom Duty. The rates are quoted keeping that fact in view. Necessary certificate will be provided by the University.
16. The supplier should give quotes, for the supply of all items, in Indian Rupees only.
17. No tender documents will be issued and rates are to be offered on company's letter pad.
18. If a holiday occurs on the opening day, the tenders will be opened on the next working day.
19. The tenders received not in proper sealed cover shall not be considered and will be liable for rejection in a straightway.
20. Rates for each item are to be quoted in a separate letter head and are to be sent in a separate cover.
21. Items are to be supplied on "FOR, Department of Pharmaceutical Sciences" basis. The supplier should specifically mention the cost of transportation / transit insurance, etc. in the quotation itself.

**REGISTRAR**