

**MAHARSHI DAYANAND UNIVERSITY ROHTAK**

**SHORT TERM TENDER NOTICE**

Sealed Tenders superscribed as **“Tender for Microwave Extraction/Synthesis System and FTIR Spectrophotometer”** are invited as per details given on university website along 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, upto 12<sup>th</sup> Feb., 2014**. For detailed terms & conditions, visit the University Website [www.mdurohtak.ac.in](http://www.mdurohtak.ac.in). **The tenders will be opened on 13.02.2014 at 3.00 p.m.**

**REGISTRAR**

**DETAILED SPECIFICATIONS, TERMS AND CONDITIONS**

Instrument	Specifications	Quantity
<p><b>FTIR spectrophotometer</b></p>	<p><b>High end advanced PC based system FTIR system with Windows based software for operation on 220V/50Hz</b></p> <ol style="list-style-type: none"> <li>1. Beam splitter with wave no range: ZnSe beam splitter and wave no range from 7500 cm<sup>-1</sup> to 500 cm<sup>-1</sup> with sealed and gold coated optics</li> <li>2. Permanently aligned with high stability</li> <li>3. Signal to Noise ratio: 50000:1 or better</li> <li>4. Spectral resolution: 0.9 cm<sup>-1</sup> or better</li> <li>5. IR source: High intensity Ceramic source</li> <li>6. Detector: High sensitivity DLATGS detector</li> <li>7. Wave no accuracy: &lt;0.05cm or better</li> <li>8. Wave no repeatability: 0.0005 or better</li> <li>9. Built in advanced data processing capabilities in software</li> <li>10. ATR should be quoted for measurement of liquid, gas, solid, powder and thin film sample.</li> <li>11. Instrument should be supplied with suitable branded PC and printer</li> </ol>	<p>One(01)</p>
<p><b>Microwave synthesis/extraction system equipped with Ultrasonic probe and UV radiation</b></p>	<p><b>The equipment should have the following specifications:</b></p> <ol style="list-style-type: none"> <li>1. Reaction scale range: 10 ml to 1000 ml with vessels of different size (10-1000ml)</li> <li>2. Microwave power: 0-1000W with automated variable frequency control</li> <li>3. Ultrasound Frequency: &gt;20KHz with power range (0-800W) or better</li> <li>4. UV radiation wavelength should be 365nm or better</li> <li>5. Max. operating temp.-Room temp-300° C or better</li> <li>6. Agitation: Mechanical or magnetic mixing. Mixing speed should be adjustable</li> <li>7. Temperature measurement: IR or Pt resistance temp. Measurement and temp. should be automatically controlled</li> <li>8. TFT color liquid crystal display with camera system to observe the complete process and status of reaction in container</li> <li>9. System should comply with the safety parameters and should be equipped with protection interfaces (optional item should be quoted separately)</li> </ol>	<p>One (01)</p>

## **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 of goods to ensure the Specifications and their good condition.
10. The rates accepted by the University shall be applicable up to **31.3.2014** and the supplier shall have to make supply during the period as and when required.
11. The tenders shall be opened by the purchase committee on **13.02.2014 at 03:00 PM** in the office of Head Department of Pharmaceutical Sciences, 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. The supplier should give separate quotes, if desired, for the supply of items, in foreign currency and in Indian Rupees.
16. No tender documents will be issued and rates are to be offered on company's letter pad.
17. If a holiday occurs on the opening day, the tenders will be opened on the next working day.
18. The tenders received not in proper sealed cover shall not be considered and will be liable for rejection in a straightway.
19. Rates for each item are to be quoted in a separate letter head and are to be sent in a separate cover.
20. 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**