

# MAHARSHI DAYANAND UNIVERSITY, ROHTAK

## Department of Physics

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### STANDARD BIDDING DOCUMENT FOR PURCHASE OF High-pressure reactor

PART1: COMPLETE BIDDING DOCUMENT

Name of Work: High-pressure reactor in the Department of Physics, M. D. University, Rohtak.

### PRESS NOTICE

M.D. UNIVERSITY, ROHTAK Notice Inviting E-tender	
Name of Work	Purchase of High-pressure reactor in the Department of Physics, M. D. University, Rohtak.
Tender Docs Fee+ E Service Fees	Rs. 500/- + Rs. 1180/- (non-refundable)
Earnest Money Deposit	2% of Estimated value (Rs. 9,400)
<b>Online tenders to be received till : 28.08.2024</b>	
<p>i) The tenders will be received only through E-tendering for further details visit website <a href="https://etenders.hry.nic.in">https://etenders.hry.nic.in</a> &amp; <a href="http://www.mdu.ac.in">www.mdu.ac.in</a></p> <p>ii) Cost of the Bid document is Rs. 500/- (non-refundable) for each bid to be deposited through online mode only.</p> <p>iii) Earnest Money, Tender Document Fees and E-Service Fees (as mentioned above) will be deposited through online mode only.</p> <p>iv) The contractors/ agencies will keep in touch with the University Web Site <a href="http://www.mdu.ac.in">www.mdu.ac.in</a> and <a href="http://www.etenders.hry.nic.in">http://www.etenders.hry.nic.in</a> for any amendment/ addendum till the last date / revised last date of submission of tender and may incorporate such changes in the tender bids, if required.</p>	

REGISTRAR  
MDU, Rohtak

## **NOTICE INVITING TENDER**

**e-Tender** is invited for purchase of below mentioned items in single stage two cover system i.e. Request for Pre-Qualification / Technical Bid (online Bid under PQQ / Technical Envelope) and Request for Commercial Bid (comprising of price bid Proposal under online available as BOQ) :

<b>Sr. No</b>	<b>Name of Item</b>	<b>Appx. Total Cost (Rs. in lacs)</b>	<b>EMD to be deposited by Bidder (Rs.)</b>	<b>Tender Document Fee &amp; eService Fee (Rs.)</b>	<b>Start Date &amp; Time of Bid Preparation &amp; Submission</b>	<b>Expiry Date &amp; Time of Bid of EMD Submission</b>
1.	<b>High-pressure reactor</b>	Rs 4.70 lakhs Approx.	2% of Estimated value (Rs. 9400/- )	Rs 500/- for Tender Document fee & Rs. 1180/-for e-Service fee	Date: 07.08.2024 Time: 2.00 pm	Date:28.08.2024 Time: 11.00 am

1. Detailed notice inviting tender can be seen in the office of the undersigned during office hours.
2. Bidding documents available on website <http://mdurohtak.ac.in>
3. The bidders would submit bid through e-tendering only on the website i.e. <http://www.etenders.hry.nic.in>

Under this process, the Pre-qualification/ Technical online bid Application and online Price Bid shall be invited at single stage under two covers i.e. PQQ/Technical & Commercial Envelope. Eligibility and qualification of the Applicant will be first examined based on the details submitted online under first cover (PQQ or Technical) with respect to eligibility and qualification criteria prescribed in this Tender document. The Price Bid under the second cover shall be opened for only those Applicants whose PQQ/ Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

1. **The payment for Tender Document Fee and e-Service Fee shall be made by eligible bidders through online mode only and the payment for EMD can also be made online.**
2. Intending bidders will be mandatorily required to online sign-up (create user account) on the website <https://etenders.hry.nic.in> to be eligible to participate in the e-Tender. **He/ She will be required to make online payment of EMD fee. The intended bidder failing to pay EMD fee under the stipulated time frame shall not be allowed to submit his / her bids for the respective event / Tenders.**
3. The interested bidders must remit the funds at least T+1 working day (Transaction day + One working Day) in advance i.e. **on or before \_\_\_\_\_ ; and make payment through online mode only and submit their bids on or before the expiry date & time of the respective events/Tenders at <https://etenders.hry.nic.in>.**

The interested bidders shall have to pay mandatorily e-Service fee of Rs. 1180/- (Rupee One Thousand Only), and Tender Document Fees (Non refundable) of Rs.500/- (Rupees Five hundred only) through online mode only.

**The Bidders can submit their tender documents (Online) as per the dates mentioned below :**

**Key Dates**

<b>Sr. No.</b>	<b>Department Stage</b>	<b>Bidder's Stage</b>	<b>Start date and time</b>	<b>Expiry date &amp; time</b>
1		<b>Tender Document Download and Bid Preparation/Submission</b>	Date: 07.08.2024 Time: 2.00 pm	Date:28.08.2024 Time: 11.00 am
2	<b>Technical Bid Opening *</b>		Date: 29.08.2024 Time: 03.00 pm	
3	<b>Commercial Bid Opening</b>		After evaluating the Technical Bids	

**Important Note:**

- 1) The Applicants/bidders have to complete ‘Application / Bid Preparation & Submission’ stage on scheduled time as mentioned above. If any Applicant / bidder failed to complete his / her aforesaid stage in the stipulated online time schedule for this stage, his / her Application/bid status will be considered as ‘Applications / bids not submitted’.
- 2) Applicant/Bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- 3) Applicant/Bidder can rework on his/her bids even after completion of ‘Application/Bid Preparation & submission stage’ (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.
- 4) In the first instance, the online payment details of tender document fee + e-Service and EMD & PQQ/Technical Envelope shall be opened. Henceforth financial bid quoted against each of the item by the shortlisted bidder/ Agency wherever required shall be opened online. The bidders can submit their bids through online as per the dates mentioned in the schedule/Key Dates above.

The bids shall be submitted online in two separate envelopes:

**Envelope 1: Technical Bid**

The bidders shall upload the required eligibility & technical documents online in the Technical Bid.

**Envelope 2: Commercial Bid**

The bidders shall quote the prices in price bid format under Commercial Bid.

## CONDITIONS :

1. DNIT & prequalification criteria can be seen on any working day during office hours in office of the undersigned.
2. Conditional tenders will not be entertained & are liable to be rejected.
3. In case the day of opening of tenders happens to be holiday, the tenders will be opened on the next working day. The time and place of receipt of tenders and other conditions will remain unchanged.
4. The undersigned reserves the right to reject any tender or all the tenders without assigning any reason.
5. The societies shall produce an attested copy of the resolution of the Co-operative Department for the issuance of tenders.
6. The tender without earnest money/bid security will not be opened.
7. The Jurisdiction of court will be at **Rohtak**, Haryana.
8. The tender of the bidder who does not satisfy the qualification criteria in the bid documents is liable to be rejected summarily without assigning any reason and no claim whatsoever on this account will be considered.
9. The bid for the work shall remain open for acceptance during the bid validity period to be reckoned from the last date of 'Manual submission of BS. If any bidder/aspitant withdraws his bid/tender before the said period or makes any modifications in the terms and conditions of the bid, the earnest money shall stand forfeited. Bids shall be valid for 180 days from the date of bid closing i.e. from last date of manual submission of EMD. In case the last day to accept the tender happens to be holiday, validity to accept tender will be the next working day.

For & on behalf of  
Registrar, MDU, Rohtak

(Dr. Anil Ohlan)  
PI: SERB-SURE  
Department of Physics

## TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

1. Every e-tender shall be accompanied by the Earnest Money (Fixed amount) of Rs. 2% of the Estimated value (Rs. 9,400/-) and Rs. 500/- as tender fee and Rs. 1,180/- for e-services fee should be deposited **through online mode only**.
2. The e-tender received without earnest money or after the due date shall not be entertained (except with the special approval of the competent authorities for MSME only).
3. **The e-tenders shall be opened in the office of Head, Department of Physics, M.D. University, Rohtak on 29.08.2024 by the Purchase Committee.**
4. The goods shall be supplied by the Supplier within the time limit specified in the supply order. **In case, the material is not supplied within the delivery period, the supplier shall be liable to pay compensation amount equivalent to 1% (one percent) of the cost of material each day to the University or such other amount as the University may decide till the supply remains incomplete, provided that the total amount of compensation shall not exceed 10% (ten percent) of the total amount of the cost of material supplied.** Appeal against these orders shall, however, lie with the Vice-Chancellor, M.D. University, Rohtak whose decision shall be final.
5. **Only the firms having GST No. can quote their rates for required items.**
6. **HSN Code must be entered in the hard copy while quoting the rates.**
7. FOR shall be Department of Physics, M.D. University, Rohtak.
8. **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.**
9. **The EMD tender fee etc. exemption for those MSMEs registered with Govt. of India (Ministry of Micro, Small and Medium Enterprises) and located in State of Haryana only (as per Haryana State Public Procurement Policy for MSMEs 2016 vide G.O. No. 02/02/2016-41B11(1) dated 20/10/2016).**
10. 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 180 days of acceptance of the tender.
11. Supplies shall be made as per the schedule and within such time as is indicated in the supply
12. order.
13. The rates accepted by the University shall be applicable up to 180 days and the supplier shall have to make supply during the period as and when required.
14. The University is situated within the Municipal Limits. As such, Octroi, if any, shall be payable. In case, the material is supplied through a Transport Company by road, the Transport Company's charges, labour charges and octroi charges shall be borne by the supplier. It may be mentioned specifically as to whether the material will be sent by rail or by road through a Transport Company.
15. Guarantee/warranty of items must be mentioned.
16. No tender documents will be issued separately 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 packing, forwarding, freight, insurance charges etc. may be quantified in terms of amount. These charges will not be payable against any vague statement such as "**packing, forwarding, freight and insurance charges etc. extra**".
19. In case, the supplier/contractor fails to execute the supply order/contract on the rates, and terms and conditions as contained in the supply order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture

- of earnest money/security, besides any other action as may be deemed proper by the University.
20. As a general policy, the University tries to make 100% payment within 30 working days of the receipt of material subject to proper installation, wherever applicable, and satisfaction of the Inspection Committee. **No advance payment or payment against documents negotiated through Bank shall be made.**
  21. The acceptance of the material shall be subject to satisfactory report of this Office's Inspection Committee/Technical Committee/Experts Committee.
  22. The acceptance of the tender shall rest with the Registrar who does not bind himself to accept the lowest tender and reserves the right to reject any or all items of tender without assigning any reason thereof. The Registrar also reserves the right to accept tender in part i.e. any item or any quantity and to reject it for the rest.
  23. It may be certified that you have not been debarred/blacklisted for any reason/period by DGS&D, DS&D (Haryana) or any other Central/State Govt. Dept./University/PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the supply order, but may also warrant legal action.
  24. In case, any other information/clarification is required, the undersigned may be contacted at Telephone No. 9671751435 on any working day (Monday to Friday) during office hours (9 a.m. to 5.00 p.m.) or by sending e-mail at : [anilohlan.physics@mdurohtak.ac.in](mailto:anilohlan.physics@mdurohtak.ac.in) .
  25. The Sub Committee reserves the right for negotiation thereafter if considered necessary.
  26. The items be purchased from the firm(s) on the basis of quality and not merely on the lowest rates.
  27. The rates should be quoted for required specifications. The technical specifications of machineries & equipments required must accompany the tender. The decision of the University will be final with regard to the quality of material to be purchased.
  28. The tender should be submitted only if the material is readily available in your stock or can be supplied within 180 days or as per negotiations, after the order is placed.
  29. Terms and conditions printed on tender/Invoice of the firm, if any, shall not be binding on the University, except those mentioned specifically on the supply order of MDU, Rohtak, and your acceptance of the order shall be construed as your agreement to all the terms and conditions contained in the order.
  30. The dispute, if any, shall be subject to the jurisdiction of Courts at Rohtak. Any other jurisdiction mentioned in the tender or invoices of the manufacturers/distributors/ dealers/suppliers etc. shall be invalid and shall have no legal sanctity.
  31. Performance bank guarantee for the warrantee period @ 5% of the cost of equipment should be provided from the date of installation.

Signature \_\_\_\_\_

Name of the firm with seal/stamp \_\_\_\_\_

Affix Rubber Stamp of the firm

For & on behalf of  
Registrar, MDU, Rohtak

(Dr. Anil Ohlan)  
PI: SERB-SURE  
Department of Physics

**TECHNICAL DOCUMENT**

<b>Sr. No.</b>	<b>Description</b>	<b>Bidders Response (Yes/No)</b>	<b>Remarks</b>
1.	Copy of PAN Card		
2.	Copy of Income Tax Return for the last 3 years		
3.	Copy of GST Number of the firm		
3.	List of institutions where similar machines have been supplied, if any		
4.	Copy of Annual Turnover (last 03 years)		
5.	E mail ID and Contact details of Authorized person of the firm / company		

## **Specifications for High Pressure Reactor**

### **Specification:**

High Pressure Reactor (Non-Stirred)

1. Total Volume – 2 Litre
2. MOC – Made from SS 316 L Solid Bar Stock (No welding) with all internal wetted parts in SS 316 L with Non-wetted parts in SS 304.
3. Design Pressure – 100 kg/cm<sup>2</sup>
4. Design Temperature – 350 °C
5. Max. Operating Temperature - 300 °C
6. Heating – Electric Ceramic Band Heater with Flameproof Junction Box & Insulation with Cascade Temperature Controller for Automatic Heater cut off during Temp. Overshoot for Heater safety
7. Nozzles & Fittings on Head – Pressure Gauge, Safety Rupture Disc (MOC: Hastelloy; Burst Pressure: 95 kg/cm<sup>2</sup>), Thermowell with RTD PT-100 Temperature sensor
8. Gasket – Spiral Wound Gasket with Grafoil Filler
9. Control Panel – Non Flame proof SS Control Panel with PID
10. Temperature controller with High Temp. Alarm
11. Mounting – SS 304 Table Top
12. Power Supply – Single Phase, 220 VAC, 50 Hz
13. One additional Safety Rupture Disc

The University would prefer NO ADVANCE PAYMENTS. All payments would be made, after installation or any other financial instrument (mutually agreed). Final payments to be made within 30 working days of the receipt of satisfactory installation report.

For & on behalf of  
Registrar, MDU, Rohtak

(Dr. Anil Ohlan)  
PI: SERB-SURE (Department of Physics)



## COMMERCIAL DOCUMENTS/ (BOQ)

Validate Print Help **Item Wise BoQ**

Tender Inviting Authority: Registrar, Maharshi Dayanand University Rohtak

Name of Work: Purchase of Laboratory Instruments

Contract No: 9671751435

Name of the Bidder/ Bidding Firm /

**PRICE SCHEDULE**  
 (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER	TEXT	TEXT	NUMBE	TEXT	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	TEXT
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE in Figures To be entered by the Bidder in Rs. P	GST (If applicable in Percentage)	GST Amount in Rs. P	HSN / SAC Code	TOTAL AMOUNT excluding taxes in Rs. P	TOTAL AMOUNT including taxes in Rs. P	TOTAL AMOUNT in Words	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Laboratory Equipments												
1.01	High-pressure reactor	item1	1.00	Nos				0.00		0.000	0.000	INR Zero Only	
<b>Total in Figures</b>										<b>0.000</b>	<b>0.000</b>	INR Zero Only	
<b>Quoted Rate in Words</b>										<b>INR Zero Only</b>			

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