

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

(A state University established under Haryana Act. No.XXV of 1975)

'A+' Grade University Accredited by NAAC

Chemistry Department

E- Tenders on behalf of Registrar are invited subscribed as "Tender for purchase the Equipment"(As per Annexure 'A') for the supply of Instrument as per detail given on website along with earnest money of **Rs-50,000/-** paid through online mode and a separate fee of **Rs- 2000/-** as tender fee and **Rs-1180/-** as E services fee payable at Chandigarh will also be deposited through online mode. Last date of submission of tender will be **upto 26.11.2025 04.00 p.m.** The e- tenders will be opened at **28.11.2025 3.00 p.m.** in C% HOD Chemistry. For details amendments may visit on <https://etenders.hry.nic.in/nicgep/app/> www.mdurohtak.ac.in

REGISTRAR

Tender Notice

University GST No: 06AAAJM0531A1ZZ

Sr. No.	NAME OF DEPARTMENT	NAME OF WORK	OPNING DATE CLOSING DATE	AMOUNT (APPROX.)	WEBSITE OF DEPARTMENT	NODAL OFFICER/CONTACT DETAILS/EMAIL
1.	MaharshiDayan ad University Rohtak	Tender For Equipment of chemistry Department	28.10.2025 03:00PM (Opening) 26.11.2025 04:00PM (Closing)	21,70,000/- lac	www.mdurohtak.ac.in	HOD Chemistry 9896001262 Hod.chem@mdurohtak.ac.in

NOTE:- For further details regarding the amendment made, please visit regularly on

<https://mdurohtak.ac.in>

<https://etenders.hry.nic.in>

REGISTRAR

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

Chemistry Department

Email: hod.chem@mdurohtak.ac.in

Mobile no.9896001262

Department of Chemistry

PART1: COMPLETE BIDDING DOCUMENT

Name of work: Purchase of Equipment.

PRESS NOTICE

M.D. UNIVERSITY, ROHTAK	
Notice Inviting E-Tender	
Name of work	Vacuum pump, UV cabinet, Fridge, Centrifuge Machine, UV visible double beam spectrophotometer, Muffle Furnace (1200° C), Muffle Furnace (1500° C), Digital Potentiostat, Distilled water set, Solar Simulator with Accessories, Microwave Oven, Ultrasonic Water Bath and Autoclave Stainless(As per Annexure 'A')
Tender Docs Fee + E Service Fees	Rs. 2000 + 1180 = 3180/-
Earnest Money	Rs. 50,000/-
Time Limit	Minimum 21 days
Tenders to be received till:	26.11.2025 till 04.00 PM
<p>i) The tenders will be received only through E-tendering for further details visit website https://etenders.hry.nic.in/nicgep/app</p> <p>(ii) Cost of Bid document (to be paid online) is Rs. 2,000/- (non refundable) for each bid to be deposited through online.</p> <p>(iii) Willing firms/bidders shall have to pay is Rs. 1180/- the e- Service Fee through online</p> <p>(iv) Intersted bidders should visit University website (www.mdu.ac.in.) or https://etenders.hry.nic.in regularly for corrigendum(s) which may issued regarding extension of date, modification of eligibility & amendments in other terms & condition etc., as corrigendum(s) will not be published in newspapers.</p>	

HOD Chemistry
M.D.U., Rohtak

DETAIL 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 Financial Bid (comprising of price bid Proposal under online available Commercial Envelope):-

Sr . N o	Name of Item	EMD to be deposited by Bidder	Tender Document Fee & e-Service Fee (Rs.)	Start Date & Time of Bid Preparation & Submission	Expiry Date & Time of Bid Preparation & Submission
1.	Purchase of Equipment for Chemistry Department MDU, Rohtak. (As per Annexure 'A')	Rs. 50,000/-	Rs. 2000/-for Tender Document fee &Rs. 1180/- for e-service fee	28.10.2025 (3.00 pm)	26.11.2025 (4.00 pm)

1. Detailed notice inviting tender/estimate drawing can be seen in the office of the undersigned during office hours.
2. Bidding documents available on website <http://mdurohtak.ac.in> and <https://etenders.hry.nic.in/nicgep/app>
3. Newly enlisted contractors/societies/suppliers/manufactures should bring with them proof of their enlistment in appropriate class.
4. The bidders would submit bid through e-tendering only on the website i.e. <https://etenders.hry.nic.in/nicgep/app>

Under this process, the Pre-qualification/ Technical online bid Application as well as 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 online directly through Debit Cards & Internet Banking Accounts and the payment for EMD can be made online directly through NET BANKING/RTGS/NEFT or OTC Please refer to 'Online Payment Guideline' available at the Single e-Procurement portal of GoH (Govt. of Haryana) and also mentioned under the Tender Document.

2. Intending bidders will be mandatorily required to online sign-up (create user account) on the website <https://etenders.hry.nic.in/nicgep/app> to be eligible to participate in the e-Tender. He/She will be required to make online payment of EMD fee in due course of time. The intended bidder fails 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 till 4.00 P.M; and make payment via NET BANKING/RTGS /NEFT or OTC to the beneficiary account number specified under the online generated challan. The intended bidder / Agency thereafter will be able to

successfully verify their payment online, and submit their bids on or before the expiry date & time of the respective events/Tenders at <https://etenders.hry.nic.in/nicgep/app>.

The interested bidders shall have to pay mandatorily e-Service fee (under document fee – Non refundable) of **Rs.2000/- (Rupee Two Thousand Only) + 18% GST (Total Rs. 1180/-)** online by using the service of secure electronic gateway. The secure electronic payments gateway is an online interface between bidders & online payment authorization networks.

The Payment for document fee/ e-Service fee can be made by eligible bidders online directly through Debit Cards & Internet Banking.

The Bidders can submit their tender documents (Online) as per the dates mentioned in the key dates:-

Key Dates

Sr. No.	Department Stage	Bidder's Stage	Start date and time	Expiry date and time
1		Tender Document Down load and Bid Preparation/Submission	28.10.2025 (3.00 PM)	26.11.2025 (4.00 PM)
2	Technical Bidding Opening	28.11.2025 3.00 PM onwards		
3	Financial Bid Opening	After evaluation of Technical Bid		

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 in the presence of such bidders/ Agency who either themselves or through their representatives choose to be present. The bidder can submit online their bids 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.

TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

1. Every e-tender shall be accompanied by the Earnest Money (fixed amount) of Rs.50,000/-and a separate fee of Rs 2,000/- as tender fee and Rs.1180/- the e-service fee should be deposited through online mode only.
2. The e-tender received after the due date shall not be entertained at any cost & either received without EMD shall be entertained only for MSME of Haryana only.
3. Technical documents may be reach up to 04:00 P.M. on 27.11.2025 in the O/o Chemistry Department
4. The e-tenders shall be opened in the office of O/o Head of Chemistry, M.D. University, Rohtak by the Sub Committee constituted by the CPC. The quotes or their authorized representatives are allowed to attend the meeting of the Tender Opening Committee at their own costs.
5. 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 the University the compensation amount equivalent to 1% (one percent) of the cost of material each day or such other amount as the CPC/Asstt. Registrar (P&S) 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.
6. The following charges and terms may be spelt out in your offer clearly:-i. F.O.R ii. Rates of VAT/Excise Duty (in per cent), if any. Please note that the University does not issue Form 'C' or 'D' iii. Payment terms. iv. Delivery period. v. Guarantee/Warranty period. vi. After-sales service. vii. Installation charges, if any. viii. Validity period of the tender. ix. Bank Draft charges, if any. x. Misc. charges such as Packing & Forwarding charges, Insurance charges, etc., if any.
7. Only the firm(s) which has possessed the GST No. can quote their rates for required items.
8. HSN Code if applicable must be entered in the hard copy while quoting the rates.
9. FOR shall be Department of Chemistry, M.D. University, Rohtak.
10. 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.
11. The EMD, tender fee etc. exemption be allowed for those MSMEs registered with Govt. of India (Ministry of Micro Small and Medium Enterprises) who are having manufacturing unit located in State of Haryana (as per Haryana State Public Procurement Policy for MSMEs 2016 vide G.O. No. 02/02/2016-41B11(1) dated 20/10/2016).
12. 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.
13. Supplies shall be made as per the schedule and within such time as is indicated in the supply order.
14. 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.

15. 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.

16. Guarantee/warranty of items must be mentioned.

17. The University is registered with the Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi in terms of Govt. Notification No. 10/97- Central Excise dated 1 March, 1997 and Notification No. 51/96-Customs dated 23.7.1996 vide Registration No. TU/V/RG-CDE(244)/2022 dated September, 18, 2020 upto 31-08-2025. Thus the University is exempted from payment of Custom Duty and Excise Duty. The consignee shall issue necessary certificates duly countersigned by the Registrar, M.D. University, Rohtak to avail of exemption. If applicable.

18. No tender documents will be issued separately and rates are to be offered on company's letter pad.

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

20. The packing, forwarding, freight, insurance charges etc. may be quantified in terms of amount. These charges will not be payable against such vague statement as "packing, forwarding, freight and insurance charges etc. extra".

21. 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.

22. 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.

23. The acceptance of the material shall be subject to satisfactory report of this Office's Inspection Committee/Technical Committee/Experts Committee.

24. The acceptance of the tender shall rest with the Committee 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 Committee also reserves the right to accept tender in part i.e. any item or any quantity and to reject it for the rest.

25. 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.

26. In case, any other information/clarification is required, the undersigned may be contacted at Telephone No. 9896001262 on any working day (Monday to Friday) during office hours (9 a.m. to 5.00 p.m.).

27. The Sub Committee reserves the right for negotiation thereafter if considered necessary.

28. The items may be purchased from the firm(s) on the basis of quality and not merely on the lowest rates.

29. The rates should be quoted for required specifications. The technical specifications must accompany the tender. The decision of the University will be final with regard to purchase of equipments/Instruments.

30. The tender should be submitted only if the material is readily available in your stock or can be supplied within 30 days after the order is placed.

31. 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.

32. 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.

33. The successful bidder will have to deposit Bank Performance Guarantee of 5% of the total amount of supply order.

HOD, Chemistry Name of the firm with seal/stamp _____

M.D.U., Rohtak Affix Rubber Stamp of the firm 8 TECHNICAL DOCUMENT Sr. No. Description Bidders

Signature

List of Technical Documents

Sr. No	Description	Bidders Response (Yes/No)	Remarks
1	Name & address with contract Number of the firm and name of authorized signatory		
2	Copy of PAN card and GST No.		
3	Copy of latest Income Tax Return (ITR) of last three years.		
4	The bidder should submit proof of an average turnover of Rs. 15. Lacs or above during the last three years. Proof to be duly certified by a registered Chartered Accountant is required		
5	Registration Number of the Firm		
6	Details of the Government Offices / Departments / Organization / Universities / Boards / PSUs / MNCs etc. in which the firm have installed/supplied the paid Instruments / Copies of work order in which they have installed/supplied the Instruments in any/all the Government / Ministries / Departments / Organizations / Universities / Boards / PSUs / MNCs etc. be enclosed.		
7	Affidavit on Non-Judicial stamp paper duly attested by Notary /1st Class Magistrate to the effect that they have not been debarred / blacklisted by any State Government / Central Government / PSU Department in India / Public or Private Institute / Organization as per Annexure " B "		
8	Scans copies of the above required documents mentioned at Sr. No. 1 to 7 must be enclosed with the tender documents.		

HOD Chemistry
M.D. University, Rohtak.

Specifications:-

1 Oil free Vacuum pump

It is a clean, low-maintenance device used to create a vacuum without using lubricating oil. Ideal for labs and environments where oil contamination must be avoided, it offers quiet operation, compact design, and reliable performance. Commonly used in filtration, drying, and medical or scientific applications.

Dimension 16x24 inch, Size = 15mm and Power = 1/16Hp

2. U.V. Inspection Cabinet

For viewing and detecting separated substances on T.L.C. Layers fitted with visible light, three different wavelength U.V. tubs 254, 312, and 365 nm with filter for use on 220 volts A.C.

3. Refrigerator

Double door (Works without stabilizer 135 V-290 V Protection against Fluctuation)
Gross Volume :240 liters, Storage Volume : 218 liters and 3 / 5-Star

4. Centrifuge Machine

Can be used upto 50ml tube having 8000rpm

5. UV Visible Double Beam Spectrophotometer

Double Beam Microprocessor UV-VIS Spectrophotometer - (Variable Bandwidth) - Advance circuit measurement and control system make the instrument with high reliability and low noise. Range 190-1100 nm, fully automatic operations With mobile connectivity, Variable bandwidth (0.5,1,2,4,5 nm) automatic wavelength calibration & wavelength scan, automatic peak picking, Bluetooth connectivity, android system & spectrum display. Large screen with graphic display. Spectrum can be send to computer via USB PORT. SOFTWARE INCLUDED

6. Muffle Furnace 1200° C

- ✓ Inner Muffle Size (W x H x D) = 150 x 150 x 300 mm
- ✓ Maximum temperature 1200 °C and Working Temp. 1150 °C. (Temperature Accuracy = ± 1 °C)
- ✓ Light weight with ceramic fibre wool insulation (instead of Brick insulation).
- ✓ The outer casing is made of double walled thick P.C.R.C. sheet, finished with attractive powder coating.
- ✓ Elements are made of KANTHAL “A-1” wire in coil form placed in the ribs of the tiles
- ✓ Backed by Zirconia cerewool insulation, which avoids loss of energy, this arrangement also assures the most uniform distribution of heat.
- ✓ Programmable microprocessor controller having 1 programs (upto 16 segments)
- ✓ To work on 220/230 Volts A.C. in single Phase supply.
- ✓ A viewing cap is also provided on the door.

7. Muffle Furnace 1500° C

- ✓ Inner Muffle Size: (W x H x D) = 150 x 150 x 300 mm
- ✓ Maximum Temp.: 1500 °C and Working Temp: 1400 °C (Temp. Accuracy: ±1 °C)
- ✓ Heating Elements: Silicon Carbide with end connection, easily replaceable.
- ✓ Inner Chamber: Ceramic Board with base plate of Silicon Carbide, with heating elements placed on the top.
- ✓ Insulation: Ceramic Fibre of Zirconia grade
- ✓ Construction: Tripple walled with air insulation on the outer side For Minimal Skin Temp.
- ✓ Body: Made of mild steel duly powder coated
- ✓ Power Control: SCR unit (Phase Angle Thyristor)
- ✓ Temp. Control: Microprocessor based PID programmable controller with 1 prog x 16 segments (ramp / soak). Dual display of set & actual temp. with soft touch keys. With Thermocouple break protections & cold junction compensation.
- ✓ Sensor: Pt / Pt – Rh 13%
- ✓ Safety: Over current and short circuit protection. Thermocouple break alarm. High temp. alarm, parallel action double door with heater cut off on door opening.
- ✓ Power Supply: 220 volts, single phase AC supply.
- ✓ Door: Hinged type insulated with ceramic fibre and has a viewing cap.

8. Digital Potentiostat

Digital Potentiometer (with inbuilt stirrer) for Redox Potential Measurement, 3½ digit LED Display, Range 0 to±1999mv. Resolution 1 mv Accuracy ±1%, Power supply 230V ±10%AC, Supplies with ORP electrodes, Electrode stand & Dust cover

9. Distilled Water set/ Deionizing Water unit

The Plant Consists of :

One Cation Exchanger Column Containing Cation Exchanger Resin.

One Anion Exchanger Column Containing Anion Exchanger Resin.

Plant Is Mounted On M.S. Stand With Assembly Of Valves And Tubing.

One Conductivity Meter With Cell To Monitor The Ionised Solids Of Purified Water And Thus Control The Functions Of Demineralisation.

The Meter Is Direct Reading Having Reading Heavy Range 0.40 Microns/Cm Cap. Or flow Rate 30 To 50 Lt/Hr

Borosilicate Condenser:

Output Cap. (Approx)	50 ltr/hr
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10. Solar Simulator

Technical Specification

I). General Requirements

The Solar Simulator system shall be designed for scientific applications such as photovoltaic testing, photocatalysis, and material degradation studies. The system must be a Class AAA simulator as per ASTM E927-19 and IEC-60904-9 Ed.3 standards.

II). Performance Specifications

Parameter	Required Specification
Class Compliance	Class AAA (Spectral Match, Spatial Non-Uniformity, Temporal Instability)
Spectral Match	Class A: AM1.5G
Irradiance Uniformity	Spatial Non-Uniformity $\leq 2\%$ over 50 mm \times 50 mm area
Temporal Instability	$\leq 2\%$
Illumination Area	Minimum 50 mm \times 50 mm
Sun Intensity Range	Variable from 0.1 to 2 Suns (manual)
Lamp Type	Xenon Short Arc Lamp (Ozone-free)
Lamp Wattage Options	300W
Working Distance	Minimum 380 mm with beam turner; 475 mm without
Beam Direction Adjustment	360° adjustable beam output using beam turner
Shutter	Manual shutter (motorized optional)
Power Supply Options	Manual or Computer-controlled (touchscreen with GUI)
Electrical Input	110–240V AC, 50/60 Hz
System Compliance	CE Marked

III). Mechanical & Interface

Component	Specification
Interface	RS232 for PC communication (if computer-controlled)
Mounting Option	Height-adjustable stand
Glovebox Integration	System must support vertical beam for glovebox compatibility
Manual & Software	Must include operation manual and software where applicable

IV). Warranty and Support

- Minimum 1-year comprehensive warranty on electronics.
- OEM Authorization Certificate must be submitted with the bid.

V). Accessories (Optional) (To be quoted separately)

- Long Pass Filter, 400nm cut-on
- Long Pass Filter, 700nm cut-on
- Band pass Filter, Visible, Blocks UV/NIR

11. Microwave

- ✓ Capacity- 28 L
- ✓ Control Type – Touch Key Pad (Membrane)
- ✓ Mount Type – Convection

- ✓ Technology Used – Triple Heating System
- ✓ Cavity Features – Anti-bacterial Agent
- ✓ Display Type – LED
- ✓ Power Output – 900 W
- ✓ Power Requirement – Ac 230 V, 50 Hz
- ✓ Power Consumption – 1250 W
- ✓ Racks and Trays – Round Rack, Crispy Tray
- ✓ Dimensions – (51.7 x 31 x 48.5 cm) (W x H x D)

12. Ultra sonic water bath -5 Liter

- ✓ Temperature range up to 70* c
- ✓ Accurate PID temperature controller
- ✓ With LCD screen
- ✓ Heater on/off function
- ✓ Durable construction
- ✓ Adjustable timer

13. Autoclave Stainless

- ✓ Teflon lined stainless steel autoclave (50/100 ml)
- ✓ Usage/Application: Industrial
- ✓ Material: SS
- ✓ Temperature Range: 1000 Degree Celsius