

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

CENTRE FOR MEDICAL BIOTECHNOLOGY

E-tenders on behalf of Registrar are invited subscribed as “**Tender for Equipment**” for the supply of laboratory equipment latest by 19.02.2017 as per detail given on website along with earnest money equal to 2% of the quoted rates on the total amount paid through online mode and a separate fee of Rs.500/- as tender fee in account of Finance Officer, M.D. University, Rohtak will also be deposited through online mode. The e- tenders will be opened on 20/02/2017 at 10.00 a.m. For details, bidders may visit on <https://haryanaeprocurement.gov.in/> www.mdurohtak.ac.in

REGISTRAR

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK
CENTRE FOR MEDICAL BIOTECHNOLOGY**

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STANDARD BIDDING DOCUMENT FOR PURCHASE OF EQUIPMENTS FOR CENTRE FOR MEDICAL BIOTECHNOLOGY, M.D. UNIVERSITY, ROHTAK

PART1 : COMPLETE BIDDING DOCUMENT

Name of work: Purchase of equipment for Centre for Medical Biotechnology, in MDU, Rohtak.

PRESS NOTICE

M.D. UNIVERSITY, ROHTAK

E-Tender Notice

M.D. UNIVERSITY, ROHTAK E-Tender Notice	
Name of work	Purchase of Laboratory Equipment for the Centre for Medical Biotechnology, MDU Rohtak
Tender Docs Fee+ E Service Fees	Rs. 500 + 1000 = Rs. 1500/
Earnest Money	2 % of the quoted rate of Equipment
Time Limit	03 to 04 Weeks

Tenders to be received till: 05.00 PM on dated 19.02.2017

i) The tenders will be received only through E-tendering and for further details visit website <https://haryanaeprocurement.gov.in>

(ii) Cost of Bid document (to be paid online) is Rs. 500/- (non- refundable) for each bid to be deposited through online.

(iii) Willing Contractors shall have to pay is Rs. 1000/- the e- Service Fee through online.

**Director, Centre for Medical Biotechnology
M.D.U., Rohtak**

The Bidders can download the tender documents from the Portal: <https://haryanaprocurement.gov.in>. Earnest Money and Document Fee Deposit have to be deposited through Demand Drafts in **favor of “Finance Officer, M.D.U., Rohtak**, payable at Rohtak respectively.

Willing Contractors shall have to pay Rs. 1000/- the e- Service Fee through online.

However, the details of the EMD, Tender document Fee & E – Service Fee are required to be filled/ provided scan copies at the time of online Bid Preparation Stage; the Bidders are required to keep the EMD, Tender document fee & E- Service fee details ready beforehand. The contractual Agencies can submit their tender documents as per the dated mentioned in the key dates below:-

Key Dates

Sr. No.	M.D.U. Rohtak stage	Contractor stage	Start date and time	Expiry date and time
1		Tender Document Download and Bid Preparation & Submission	10.02.2017 (10:00 AM)	19.02.2017 (05:00 PM)
2		Manual submission of Specification of Equipment, Tender Document fee, EMD and E-service fee, etc	10.02.2017 (10:00 AM)	19.02.2017 (05:00 PM)
3	Technical Opening		20.02.2017 (10:00 AM)	20.02.2017 (05:00 PM)
4	Technical Evaluation		20.02.2017 (10:00 AM)	20.02.2017 (05:00 PM)
5	Opening of Financial Bid		20.02.2017 (10:00 AM)	20.02.2017 (05:00 PM)

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.

Instructions to bidder on Electronic Tendering System

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. **Registration of bidders on e-Procurement Portal:-**

All the bidders intending to participate in the tenders process online are required to get registered on the centralized e - Procurement Portal i.e. <https://haryanaeprocurement.gov.in>. Please visit the website for more details.

2. **Obtaining a Digital Certificate:**

2.1 The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.

2.2 A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://haryanaeprocurement.gov.in>.

2.3 The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from.

2.4 The bidder must ensure that he/she comply by the online available important guidelines at the portal <https://haryanaeprocurement.gov.in> for Digital Signature Certificate (DSC) including the e-Token carrying DSCs.

2.5 Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during the stage of bid preparation. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised **to keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).

2.6 In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection

certificate /power of attorney / lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.

2.7 In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person / user on behalf of the firm/ company. The procedure for application of a digital certificate however will remain the same for the new user.

2.8 The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

3. Opening of an Electronic Payment Account: For purchasing the tender documents online, bidders are required to pay the tender documents fees online using the electronic payments gateway service shall be integrated with the system very soon till then it will be submitted manually. For online payments guidelines, please refer to the Home page of the etendering Portal <https://haryanaeprocurement.gov.in>.

4 Pre-requisites for online bidding: In order to bid online on the portal <https://haryanaeprocurement.gov.in> , the user machine must be updated with the latest Java & DC setup. The link for downloading latest java applet & DC setup are available on the Home page of the e-tendering Portal.

5 Online Viewing of Detailed Notice Inviting Tenders: The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal e Procurement system on the Home Page at <https://haryanaeprocurement.gov.in>

6 Download of Tender Documents: The tender documents can be downloaded free of cost from the eProcurement portal <https://haryanaeprocurement.gov.in>

7 Key Dates: The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice

Inviting Tenders.

8 Bid Preparation (Technical & Financial) Online/offline Payment of Tender Document Fee, eService fee, EMD fees.

8.1 The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS / NEFT. The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks. The electronic payments gateway service shall be integrated with the system very soon till then it will be submitted manually.

Hence, the bidders have to provide information and credentials related to manual payment submission at single portal e - Procurement system, under Technical Envelope of the respective tenders

8.2 The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid). The bidders shall quote the prices in price bid format.

NOTE:-

(A) Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal

<https://haryanaeprocurement.gov.in>.

(B) For help manual please refer to the “Home Page” of the e Procurement website at

<https://haryanaeprocurement.gov.in>, and click on the available link “How to...?” to download the file.

Director, Centre for Medical Biotechnology
Maharshi Dayanand University, Rohtak

TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

1. Every e-tender shall be accompanied by the earnest money equal to 2% of the involved value and Rs.1500/- as tender fee. The earnest money and tender fee has to be paid online.
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.
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 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.
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 30 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 31.3.2017 and the supplier shall have to make supply during the period as and when required.
10. The e-tenders shall be opened in the office of Director, Centre for Medical Biotechnology,, M.D. University, Rohtak on 20.02.2017 at 10.00 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 reserves 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 offered 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. Technical documents, tender fee demand draft and EMD must reach up to 19.02.2017 , 05.00 PM.

Registrar
Maharshi Dayanand Universtiy, Rohtak

List of Technical Documents

Sr.No	Description	Bidders Response (Yes/No)
1	Authorization certificate from the manufacturer of equipment	
2	Copy of PAN card.	
3	Copy of latest income tax return.	
4	List of institutions where equipment has been installed	
5	Satisfactory report regarding the equipment from institution	
6	Specification of Equipment	

Sr. No.	Name of item with specification	Quantity
01	<p>Potentiostat Specifications: Compliance voltage: ± 20 V or better at ± 400 mA Maximum Output Current: ± 400 mA expandable upto 8A with booster at ± 20 V(Booster should be quoted for same in option) Output Voltage Range: ± 10 V Current Ranges: smallest current range: ± 10 nA to current range 100 mA in different ranges Measured current resolution: 40 fA on 10 nA full scale range Potentiostat Rise/fall Time:350 ns or lower Interface: USB/Ethernet interface for connection with PC Input bias current:< 1 pA Input Impedance of electrometer:$>100G\Omega$</p> <p>Electrochemical Software: Software should have facility to record additional signal viz EQCM, bi-potentiostat etc. Import/export ASCII. Ready-to-use Vis & Genericinterface for .Net applications should be included. It should have facility to display up to 4 plots simultaneously. The software should support following basic electrochemical measurements: Cyclic Voltammetry, Sampled DC Voltammetry. Tafel Plots, Differential Pulse Voltammetry, Square Wave Voltammetry. Electrochemical methods like Chrono-Amperometry, Chrono-Coulometry& Chrono-Potentiometry. It should have corrosion software including LPR, cyclic polarization, critical potential, tafel etc. Solar Photovoltaic software, Battery/Fuel cell software, Equivalent circuit fitting software. Battery/Super capacitor testing software including Impedance measurement facility, constant load discharge, constant current constant power etc. Voltammetry software (including CV, LSV etc)</p> <p>Basic Electrochemical Cell Setup Base plate with stand rod Cell vessel lid with sleeve Stoppers, Working Electrode Ag/AgCl Reference Electrode Pt Wire Counter Electrode, Polishing Set Line by compliance should be provided (with authentic documents) along with the quote Line by compliance should be provided (with authentic documents) along with the quote System should be upgradable with Impedance Analyzer module in future with following specification, <i>Hardware and software for EIS measurements in potentiostatic and galvanostatic control, over frequency range of 10 μHz to 1 MHz.</i> <i>It should be possible to perform EIS measurements over entire frequency range from 10 μHz to 1 MHz upto 400 mA currents Signal generator frequency range 10 μHz - 30 MHz (or higher), Frequency range in 10 μHz - 1 MHz combination with potentiostat galvanostat.</i> <i>Frequency resolution 0.003%, Input range ± 10 V</i> <i>Data presentation: Nyquist, Bode, Admittance, Dielectric, Mott- Schottky, Data analysis: Fit and Simulation, Find circle, Element subtraction</i></p> <p>Optional Current Booster:Current booster to enhance the maximum current of the system. Specifications: Max Compliance Voltage: ± 20 Volts, Maximum Output Potential: ± 10 Volts, Maximum Current: ± 8 Amp, Accuracy: $\pm 0.5\%$, Operation Mode: Potentiostatic and Galvanostatic.All cables should be noiseless with adequate length.</p> <p>Warranty: 1year, An adapter/holder for screen printed electrode (SPE) should be provided which can be used for connecting SPE with the instrument</p> <p>Make: Metrohm Autolab, Dropsens, Princeton Applied Research-Ametek, Sigma, Thermoscientific, Eppendorf</p>	01