

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

CENTRE FOR BIOTECHNOLOGY

E- tenders on behalf of Director, Centre for Biotechnology is invited subscribed as “**Tender for the purchase of equipment for Centre for Biotechnology**” for the supply of Instruments 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. 1000/- as tender fee in account of Finance Officer, M.D. University, Rohtak will also be deposited through online mode. The e- tenders will be received till 17.03.2019 & opened on 18.03.2019 at 11:00 a.m. For details may visit on <https://haryanaeprocurement.gov.in> /www.mdurohtak.ac.in

REGISTRAR

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK
CENTRE FOR BIOTECHNOLOGY,
M.D. UNIVERSITY, ROHTAK (HR)**

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**STANDARD BIDDING DOCUMENT FOR PURCHASE OF EQUIPMENT
(INVERTED MICROSCOPE) FOR CENTRE FOR BIOTECHNOLOGY, M.D.
UNIVERSITY, ROHTAK**

PART1: COMPLETE BIDDING DOCUMENT

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

PRESS NOTICE

M.D. UNIVERSITY, ROHTAK Notice Inviting E-Tender	
Name of work	Purchase of equipment for Centre For Biotechnology, MDU, Rohtak.
Tender Docs Fee+ E Service Fees	Rs. 1000 + 1000 = Rs. 2000/-
Earnest Money	2 % of the quoted rate of Equipment
Time Limit	04 Weeks
Tenders to be received till: 05.00 PM on dated 17.03.2019	
i) i) The tenders will be received only through E-tendering for further details visit website https://haryanaeprocurement.gov.in	
(ii) Cost of Bid document (to be paid online) is Rs. 1,000/- (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 Biotechnology
M.D.U., Rohtak**

The Bidders can download the tender documents from the Portal: <https://haryanaeprocurement.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 the e- Service Fees of Rs.1000/- in form of **Demand Draft in favour of “Society for IT initiative fund for e - Governance” payable at Chandigarh.**

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	25.02.2019 (4.00 P.M.)	17.03.2019 (05.00 PM)
2		Manual submission (hard copy) of Specification of Equipment, Tender Document fee, EMD and E-Service fee, etc.	25.02.2019 (04.00 P.M.)	17.03.2019 (05.00 PM)
3	Technical Opening		18.03.2019 (11.00 AM)	
4	Technical Evaluation		18.03.2019 (2.00 PM)	
5	Opening of Financial Bid		18.03.2019 (3.30PM)	

Important Note:

The bidders have to complete “Bid Preparation & Submission” stage on scheduled time as mentioned above. If any bidder failed to complete his/her aforesaid stage in the stipulated online time schedule for this stage, his/her bid status will be considered as „bids not submitted”.

- 1) Bidder must confirm & check his/her bid status after completion of his/her all activities for e-bidding.
- 2) Bidder can rework on his/her bids even after completion of “Bid Preparation & submission stage” (Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the 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 Procurement Portal:-

All the bidders intending to participate in the tenders processed 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.

2.2A 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:

M/s Nextenders (India) Pvt. Ltd.

O/o. DS&D Haryana,
SCO – 09, IInd Floor,
Sector – 16, Panchkula
– 134108

E - mail: Chandigarh@nextenders.com

Help Desk: 1800-180-2097 (**Toll Free Number**)

2.4 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).

2.5 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.

2.6 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.

2.7 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 e-tendering 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 Biotechnology
M.D.U., 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 separate draft of Rs.2000/- as tender fee. The earnest money should be deposited through Bank Draft in favor of the Finance Officer, M.D. University, Rohtak, payable at the State Bank of India, Maharshi Dayanand University, Rohtak.
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 decided 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 16.01.2018 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 Biotechnology, M.D. University, Rohtak on 17.01.2018 at 11.00 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. **All the bidder must be a registered firm of GST and rate of GST must be clearly mentioned in the tender.**
18. Technical documents, tender fee demand draft and EMD must reach up to **16.01.2018 by 05.00 PM.**

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	

SPECIFICATION OF EQUIPMENT

F.O.R. – Centre for Biotechnology, M. D. University, Rohtak.

Sr. No.	Description	Qty.
01.	<p>SPAD 502 Plus Chlorophyll Meter</p> <ul style="list-style-type: none"> ➤ To determines the relative amount of chlorophyll ➤ Measurement Area : 2mm x 3mm ➤ Measurement Method : Optical Density difference at 2 wavelengths ➤ Light Source : 2 LED elements ➤ Receptor : 1 SPD (silicon photodiode) ➤ Display : LCD panel showing 4 digit measurement value ➤ Display Range : -9.9 to 199.9 SPAD units ➤ Memory Function : Memory capacity for up to 30 values ➤ Power : 2 AA- Size Alkaline batteries 	01
02.	<p>PUSA STFR meter kit</p> <p>For the measurement of following parameters:</p> <ul style="list-style-type: none"> ➤ Available Organic Carbon (OC) ➤ Available Nitrogen (N) ➤ Available Phosphorous (P) ➤ Available Potassium (K) ➤ Available Zinc (Zn) ➤ Available Sulphur (S) ➤ Available Boron (B) ➤ Available Copper (Cu) ➤ Available Iron (Fe) ➤ Available Manganese (Mn) ➤ Electrical Conductivity ➤ pH ➤ Lime Requirement Test For Acid Soil ➤ Gypsum Requirement Test For Alkaline Soil 	01
03.	<p>Inverted Microscope Specifications</p> <p>Viewing Head ➤ Trinocular head inclined at 30 degree, Interpupillary Distance 48mm-75mm</p> <p>Eyepiece ➤ High-Point, Extra Wide Field Eyepiece EW10x/22</p> <p>Nosepiece ➤ Quintuple Nosepiece</p> <p>Condenser ➤ ELWD condenser NA 0.3 LWD 72mm (without condenser 150mm)</p> <p>Phase Annulus ➤ 10x-20x phase annulus plate</p> <p>Stage ➤ Glass Insert</p> <p> ➤ Plane stage 160mm x 250mm</p> <p>Focusing ➤ Coaxial Coarse and Fine Adjustment</p> <p>Illumination ➤ Halogen Lamp 6V 30W</p> <p>Filter ➤ Blue, Green and Frosted Glass 45mm Dia</p> <p>Other Features:</p>	01

	<ul style="list-style-type: none"> ➤ Long Working Distance (LWD) (4x/0.1 WD 18mm, 40x/0.6 WD 2.6mm) ➤ LWD plan infinity phase objective (PH10x/0.25 WD 10mm, PH20x/0.4 WD 5.1mm) ➤ Plan infinity optics ➤ Trinocular port in standard unit ➤ Pre-centered phase annulus ➤ 4x, 40x objectives & phase 10x, 20x as standard ➤ Field of view (FOV) 22mm with 10x eyepiece 	
04.	<p>Colormeter</p> <ul style="list-style-type: none"> ➤ LED light source: Produces polychromatic light over the entire visible region. ➤ Broad spectrum filter: The colorwheel has eight different filters. The filter employed is selected by wavelength. Each filter will produce monochromatic light at a specified peak wavelength with a bandpass of 20 nm. The filters enable the user to perform tests from 400 to 680 nm. ➤ Cuvette Holder: It holds the inserted cuvette during testing. It is imperative the cuvette be consistently oriented in the holder. Round cells usually have orientation markings to correctly position the cuvette. ➤ Detector: A silicon photo diode is used as the detector. The photo detector current will change as a function of light energy. ➤ Display: The current signal from the detector is converted to a numerical value, absorbance and is shown on led display. <p>Technical Data</p> <ul style="list-style-type: none"> ➤ Display: Seven segment LED Display ➤ Mode Selection: ph Mode, Standby Mode, mV Mode ➤ Wavelength Range: 400nm, 420nm, 480nm, 520nm, 540nm, 580nm, 620nm 680nm ➤ Transmission: N/A ➤ Absorbance: 0-1.99 abs ➤ Filters: Best Quality Glass Filters ➤ Bandwidth: 15 – 20nm ➤ Repeatability: 0.01 abs ➤ Accuracy: -0.01 to +0.01 abs ➤ Sample Holder: Cuvette Round 9mm ➤ Power: 230V Ac @ 50Hz ➤ Standard Accessories: Cuvette, Instruction Manual 	02
05.	<p>Double Distillation assembly</p> <p>It should be All Quartz double distillation unit</p> <ul style="list-style-type: none"> ➤ Demountable Boiler Panel Series ➤ Model – Vertical ➤ Distilled Water Output Capacity – 2.5 Litres / Hours ➤ Distillate water quality specifications ➤ It should be free from pyrogen and organic matter ➤ With power supply (DAPS) for 2.5ltrs model 	01

06.	Filter assembly (Vacuum Pump +Vacuum Trap kit) <ul style="list-style-type: none">➤ Compact, Light weight➤ Aluminium die cast construction➤ Oil free, Piston Powered➤ Low Noise Level (less than 60db)➤ Autoclavable vacuum pipe which connect Vacuum Pump and Trap kit with extra wall thickness➤ Used for Liquid filtration for the microbiology, suspended solid test and the air sampling etc.➤ Vacuum Trap kit should be autoclavable	02
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