

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

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

'A+' Grade University Accredited by NAAC

CENTRE FOR STARTUP, INCUBATION AND INNOVATION

e- Tenders on behalf of Registrar are invited subscribed as “Tender for 3-D Printer (As per Annexure ‘A’) for the supply of 3-D Printer per details given on website along with earnest money of Rs. 14, 000/-through online mode and a separate fee of **Rs. 1000/-** as tender fee and Rs. 1180/- as E services fee in account of Finance Officer, M.D. University, Rohtak will also be deposited through online mode. Last date of submission of tender will be **15.09.2021 upto 04.00 p.m.** The e- tenders will be opened on **17.09.2021 at 11.00 a.m.** in Registrar Office. For details may visit on <https://etenders.hry.nic.in/nicgep/app/> www.mdurohtak.ac.in

REGISTRAR

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK
Centre for innovation, incubation and Starts up,**

Mobile no 98125 88857

Email: dir.cise@mdurohtak.ac.in

STANDARD BIDDING DOCUMENT FOR PURCHASE OF 3-D PRINTER FOR CENTRE FOR INNOVATION, INCUBATION AND STARTS UP, FOR SETTING UP OF INCUBATION CENTRE IN UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY (UIET,) MDU, ROHTAK.

PART1: COMPLETE BIDDING DOCUMENT

Name of work: Purchase of 3-D PRINTER FOR CENTRE FOR INNOVATION, INCUBATION AND STARTS UP, FOR SETTING UP OF INCUBATION CENTRE IN UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY (UIET,) MDU, ROHTAK.

PRESS NOTICE

M.D. UNIVERSITY, ROHTAK Notice Inviting E-Tender	
Name of work	Purchase of 3-D PRINTER FOR CENTRE FOR INNOVATION, INCUBATION AND STARTS UP, FOR SETTING UP OF INCUBATION CENTRE in University Institute of Engineering and Technology (UIET) MDU, Rohtak. (As per Annexure 'A')
Tender Docs Fee + E Service Fees	Rs. 1000 + 1180 = 2180/-
Earnest Money	Rs. 14, 000/-
Time Limit	04 to 5 weeks
Tenders to be received till:	4.00 PM on dated 15.09.2021
<p>i) The tenders will be received only through E-tendering for further details visit website https://etenders.hry.nic.in/nicgep/app (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.</p>	

**Centre for Startup, Incubation and Innovation
M.D.U., Rohtak**

Tender Notice

Sr. No.	Name of Deptt.	Name of work	Opening Date	Closing Date	Amount (Approx-Mate (In Rs. Lac)	Website Of the Deptt.	Nodal Officer/ Contact Details/ e-mail
1	Centre for innovation, incubation and Starts up, M.D. University, Rohtak	Purchase Of 3-D Printer for Centre for innovation, incubation and Starts up, M.D. University, Rohtak. (As per Annexure 'A')	25.08.2021 (2.00 P.M.)	15.09.2021 (4.00 P.M.)	7.0 (Rs. Seven Lakhs)	www.mdu.ac.in	Director, Centre for innovation, incubation and Starts up, MDU, Mobile No. 98125 88857 e-mail dir.cise@mdurohtak.ac.in

Centre for Startup, Incubation and Innovation
M.D. University, 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. No	Name of Item	Appx. Cost (Rs. In lacs)	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 3-D Printer for Centre for innovation, incubation and Starts up for setting up of INCUBATION CENTRE in University Institute of Engineering and Technology (UIET) MDU, Rohtak. (As per Annexure 'A')	As quoted by the bidder	Rs. 14000/- Fixed	Rs. 1000/-for Tender Document fee &Rs. 1180/- for e-service fee	25.08.2021 (2.00 P.M)	15.09.2021 (4.00 P.M)

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 **14.09.2021 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.1180/- (Rupee One Thousand one Hundred eighty only)** 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	25.08.2021 (2.00 PM)	15.09.2021 (4.00 PM)
2	Technical Bidding Opening		17.09.2021	(11.00 AM)
3	Financial Bid Opening		After opening and examining 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.

-6-

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 reserve the right to reject any tender or all the tenders without assigning any reasons.
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.
8. The tender of the bidder who does not satisfy the qualification criteria in the bid documents are 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/tenders 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 120 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.
Centre for Startup, Incubation and Innovation
M. D. University, Rohtak

TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

1. Every e-tender shall be accompanied by the earnest money of Rs. **14, 000/-** as EMD and Rs. **1000/-** tender fee. Both fees 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.
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 valid for 120 days 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 the Registrar, M.D. University, Rohtak on 17.09.2021 at 11.00 AM (Technical Bid) and Financial bid be opened after examining the Technical bids 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.

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/item from institution	
6	Specification of Equipment`	

Director
Centre for Startup, Incubation and Innovation

SL.No.	Description	Specification
1.	Printer: FFF/FDM	Printer must be with clean design meeting the International safety standards (CE/EC or other Certification.). It should have Hot pad, controlled temperature ambience and accurate extrusion system to guarantee a controlled shrink of the material and better results in the final print.
2.	Application	Functional Prototyping, Tooling, Casting/Forming Patterns to be printed on Base Plate.
3.	Print Volume	Cylindrical Print Area: 200mm Ø x 400mm H or above
4.	Layer Resolution	50 micron or better
5.	Layer Height	50 micron or better
6.	Nozzle diameter	0.4 mm (Optional: 0.7 mm, 0.9 mm)
7.	Maximum speed	300 mm / s or better
8.	Travel speed	500 mm/s or better
9.	Filaments Diameter	1.75mm
10.	Material printing capability	PLA, ABS, PETG, TPU, Polypropene, PA Carbon, ABS+PC, Nylon, HIPS, PMMA etc. PP and capability to print flexible material smoothly.
11.	Extruder	Dual extruder for single material, multicolor or multimaterial prints, with end filament sensor. + direct drive extruder for flexible materials
12.	Printer Controller	User Interface: Touch Screen Network: Wi-Fi/Ethernet/USB Resume Print after Power Outage: Firmware recording, no need for battery installation. Protection from any condition Live view camera
13.	Max Heated bed Temp.	120 ⁰ C or above
14.	Max Nozzle Temp.	300 ⁰ C or above
15.	Electrical	Power Supply Input: 100-240V AC, 50/60Hz
16.	Software	Slicing Software: ideaMaker/Cura/Compatible slicing software Supported File Types: STL/ OBJ/ 3MF Supported OS: WINDOWS/ macOS/ LINUX Machine Code Type: GCODE
17.	Material	Vendor should provide below material along with machine: - <ol style="list-style-type: none"> 1. ABS – 02 spool (Different Color) 2. PLA – 02 spool (Different Color) 3. PETG-02 spool (Different Color) 4. PP-02 spool (Different Color) 5. HIPS-02 spool (Different Color) 6. TPU – 02 spool (Different Color) 7. Carbon reinforced nylon-02 (Different Color) 8. Zen Extruder/extrusion system

Annexure 'A'

Technical specification for FDM technology 3D Printer

Director
Centre for Innovation, Incubation and Starts up

