

Indian Institute of Technology Kanpur
Microwave Imaging and Material Testing Laboratory
Department of Electrical Engineering

Enquiry number: MJA/3DP/01

Date: January 27, 2017

Sub: Inviting sealed quotations from prospective vendors for 3D Printer and related accessories

Sealed quotations are invited for a 3D printer and related accessories of the following configuration.

The submitted quotations should have complete technical specifications of the product for each part/component and accessories. Please specify company name and model number. Also attach technical brochure. Financial details i.e. budget quotation should specify the taxes and discounts clearly.

- Opening date: January 27, 2017
- Closing date: March 06, 2017

Quantity: 1

Specifications:

3D Printer	
Technology	FDM (should able to print any kind of 3D structure)
Material	Should support large variety of materials such as PLA, ABS, PET, HIPS, Exotics, copperfill, composites, and preferably also conductive metallic filaments
Build Volume	minimum 250x200x250 mm
Min Layer Height	Less than 50 micron
Max Layer Height	300 microns or higher
XY Resolution	Should be less than 30 micron
Extruder Head	2 (double extruder), should be able to print with two different materials
Filament Diameter	Should support 1.75/2.85/3 mm and should be compatible with 3 rd party material.
Onboard Control Panel	There should be onboard control panel to control machine.

Connectivity	USB, SD Card
Accessories	Should accompany with all necessary accessories required for smooth functioning of the machine
Warranty	At least one year warranty
Extra filament material	PLA- 1 Kg, ABS- 1Kg, Metallic Conductive filament (if applicable) – 1Kg

Terms and Conditions:

1. Provided the technical bid meets the minimum specification, the final decision in favor of a bid will be made based on the financial bid, system capabilities, favorable payment terms, after-sales services offered and delivery time.
2. The Parent company should be an established company with good number of installations (at least 5 to 6 of similar systems) and after sales support in India as well.
3. Please send the name and contact details of the person to whom company had supplied a similar system.
4. Please do mention tender number clearly on the envelope.
5. The supplier must have supplied systems to institutions of national and/or international repute.
6. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).
7. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of installation at IITK.
8. Installation, demonstration, and training sessions should preferably be carried out by the manufacturer or the vendor for the quoted system at IIT Kanpur.
9. Prices should be for IIT Kanpur & should include the delivery, installation and training cost.
10. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
11. Validity of quotation should be at least for 60 days.
12. Maximum educational discounts should be applied.
13. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
14. Institute is exempted from payment of Excise Duty under notification No. 10/97.
15. The delivery period should be specifically stated. Earlier delivery may be preferred.
16. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation in sealed envelope latest by **March 06, 2017** at the following address:

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India.