



Indian Institute of Technology Kanpur
Department of Electrical Engineering

Enquiry No: IITK/EE/MIPS/03 /2017
Date:11/10/2017
Closing Date: 06-11-2017

Sealed quotations are invited by post/courier for the supply of following item as per the specifications mentioned below along with complete terms and conditions. Party must attach all the related certificates like Agency certificate, Proprietary item certificate (if applicable) etc. Quotation not accompanied with proper certifications will be rejected.

Sr.No	Complete description / specification of items required	Qty.
1.	MAKERBOT REPLICATOR+ 3D printer	01

Product Specifications of Makerbot Replicator+

Print Technology	Fused Deposition Modeling
Extruder	Single extruder type which is removable and user replaceable i.e. easily swappable for another one.
Build Volume	29.5 L X 19.5 W X 16.5 H CM [11.6 X 7.6 X 6.5 IN] 9,492 Cubic Centimeters [563 Cubic Inches]
Layer Resolution	100 microns [0.0039 IN]
Filament Diameter	1.75 mm [0.069 in]
Nozzle Diameter	0.4 MM [0.015 IN]
Filament Compatibility	PLA and ABS equivalent (Tough PLA) filament for durable, high- impact strength prototypes and fixtures.
Ambient Operating Temperature	15-26 degree Celsius
Display	User Accessible and Instructions can be given indigenously without the requirement of a computer. This is to set up and maintain your 3D printer, preview print files, and easily access your object library.
Camera	On-board camera for remotely monitoring your print progress and taking a picture
Connectivity	USB, Wi-fi, Ethernet, Cloud enabled so you can control it remotely along with mobile app for easy, guided wireless setup.
Software	Perpetual licensed software for loading CAD formats (20 types), prepare file for 3d print, cloud connected, optimized slicing and user friendly for automatic arrangement of objects across one or more build plates.
Supported OS and File Types	Mac OS X 10.9+ (.STL) and Windows 7 and 10. (.STL, .IPT, .IAM, .SLDPRT, .SLDASM, .IGES, .IGS, .STEP, .STP, .CATPART, .CATPRODUCT, .OBJ, .PRT, .PAR, .ASM, .WRL, .X_T, .X_B, .PRT., .ASM.)
Tested Product	Over 380,000+ hours of equipment testing and 160,000 hours of extruder testing
Build Surface	Bendable Flex Grip build surface for reduced warping and curling and easy part removal. The build plate should be factory levelled so you can print out of the box.
Gantry and Carriage	Reliable hardware with redesigned gantry and z-stage for better print quality and product output
Service and Support	6months to 1 year post sales service and support along with installation and operational training
OEM Company	One of the top 3D printer manufacturing company in the FDM technology with the state-of-the-art solutions.
Power Rating	100-240 volts, 50/60 Hz, 0.45-2 Amps

Terms and conditions

1. Quotation should also carry certificates such as agency certificate, proprietary certificate.
2. All envelopes should be marked with enquiry number.
3. Cost of the item with technical specifications in detail.
4. Maximum education discount, if any, should be offered.
5. Installation: the price should be inclusive of full installation on site with full functionality. demonstration
6. Training & Installation at our site should be done free of cost.

7. Enquiry will be sent by courier / registered post / speed post and IIT Kanpur will not be liable for any kind of irregularity/delay.
8. The Rate offered should be free delivery to IIT Kanpur or Ex-go down in case of firms situated outside of Kanpur. If items is imported then the firms should quote the price on F.O.B. basis.
9. The rates offered should be exclusive or inclusive taxes. The rates applicable should clearly be specified .
10. The firms are requested to give detailed description and specification together with detailed drawings and printed leaflets and literature of the articles quoted. The name of manufacturers and country of manufacture should also be invariably be stated. In the absence of these particulars the quotation is liable for rejection.
11. 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.
12. All the consignments must be securely packed and booked duly insured addressed to , IIT Kanpur 208016.
13. Institute is partially exempted for payment of Custom Duty @ 5.15% under notification 51/96 and road permit will be provided if applicable.
14. The Penalty @ 1% per week or part thereof subject to a maximum of 10% of the delivery price will be deducted from the balance payment if supply is not completed within stipulated period.
15. Our standard payment terms & condition is 90% against delivery and 10% after inspection and approval.
16. The quotation must reach us latest by 6th November 2017, 5:00 P.M.

Prof. Rajesh M Hegde
Department of Electrical Engineering
Indian Institute of Technology Kanpur
Kanpur- 208016
Uttarpradesh
INDIA

For any clarification, please contact: rhegde@iitk.ac.in
+91-512-259-6248 (Off)