



Indian Institute of Technology Kanpur

Department of Mechanical Engineering

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Enquiry No.: IITKME/BB/2018/3D
Opening Date: 09/02/2018
Closing Date: 12/03/2018

Sealed Quotation is invited for Ultimaker 3 Extended 3D Printer of the following specification

Technology	Fused Filament Fabrication
Print head	Dual nozzle, with lifting mechanism on 2nd nozzle, Easily swappable print cores.
Build volume	Left nozzle: 200x200x300mm, Right nozzle: 200x200x300mm, Dual material: 190x200x300mm
Diameter of filament	2.85 mm
Layer resolution	0.4mm nozzle: 20 - 200 micron
Step accuracy X, Y, Z	12.5, 12.5, 2.5 micron
Travel speed of print	30 - 300 mm/s
Flow speed of material	0.40: up to 16mm ³ /s
Types of material	PLA, PVA, ABS, CPE, Nylon, TPU
Diameter of nozzle	0.4mm
heat up time of nozzle	< 2 min
heat up time of build	< 4 min (20 - > 60 °C)
Nozzle replacement	Easily swappable print cores
Filament storage	Open, reel holder incl guide for 2 spools of 750g, NFC system to automatically detect material type
Operating Sound	≤ 50 dBA
Connectivity	Wi-Fi, Ethernet, stand-alone via USB-drive
Supplied software	Cura 2 official Ultimaker software
File type & file Transfer	STL, OBJ, 3MF: Print direct from Cura, STL, OBJ and 3MF file via Network, Stand-alone USB drive printing
Free on-site service	At least 01 year after sells
Installation and training	Free of cost

General terms and conditions of purchase:

1. All quotation must reach undersigned before or on 12/03/2018 at 15:00 Hrs.
2. Quotation must be valid for 60 days.
3. Delivery period should not be more than 75 days.

4. Send complete detail of the product(s) and users' list with contact address.
5. Minimum Warranty of 1 year at least. Longer warranty period preferred.
6. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
7. Maximum educational discount should be offered wherever applicable.
8. Testing and training of the product onsite is mandatory.
9. Mention F.O.R. destination or C.I.F. (New Delhi) prices separately if requires import.
10. The Quote should cover insurance and transport up to Kanpur.
11. Concessional rate of GST (@ 5%) will be applicable with reference to Notification No. 45/2017 Central Tax (Rate) dated 14/11/2017. We will provide relevant certificate for this purpose. On import items for research purpose presently the GST applicable is 0% (Zero). DSIR certificate along with CDEC has to be submitted for availing concession. Vendor should use these GST rates in their quotation.
12. Payment term,
 - a) For foreign currency through LC.
 - b) For Rupees payment 90% on delivery & 10% after satisfactory using /working.
 - c) Advance payment up to 100% against bank guarantee.
13. Please do mention tender number clearly on the envelope.
14. The institute is exempted for payment of Excise duty under notification No. 10/97 & partially custom duty (@5.15%), under notification 51/96 and a road permit will be provided, if applicable. The Concessional Form 'C/D' have been abolished w. e. f. Apr 01, 2007.
15. 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.

Your early response in this matter would be highly appreciated.

Sincerely,

Dr. Bishakh Bhattacharya

Professor

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