

INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus

Farmagudi, Ponda, Goa 403401

E-mail: purchase@iitgoa.ac.in

GSTIN: 30AABAI1653D1ZF

PAN: AABAI1653D

TAN: BLRI08261B

Enquiry No: IITGOA/2019-20/036

Date: 19/11/2019

IIT Goa invites sealed quotations in two bid form for the supply of below mentioned item.

Sl. No.	Description of Item	Qty
1	3D Printer (FDM) (Detailed Specifications Attached)	05 No.
2	3D Printer (DLP) (Detailed Specifications Attached)	01 No.
3	DIY 3D Printer cum Laser Engraver (Detailed Specifications Attached)	1 No.
4	3D Scanner (Detailed Specifications Attached)	05 No.
5	Rack for 3D Printers (Detailed Specifications Attached)	03 No.
6	6 KVA UPS (Detailed Specifications Attached)	01 No.

Terms and conditions:

1. Quotation must be valid for at least 90 days.
2. The GSTIN should invariably be mentioned in your offer.
3. Kindly attach a compliance certificate along with the technical quote.
4. Prices:
 - I) **For Import Supplies:**
 - a) It is mandatory to quote prices in FOB basis only.
 - b) In case of multiple options of same product, bidders are requested to quote only one best option and not multiple options.
 - c) Payment terms: 90% payment by letter of credit and balance 10% will be paid by wire transfer after satisfactory installation and commissioning.

II) For Indigenous Supplies:

- a) In case of multiple options of same product, bidders are requested to quote only one best option and not multiple options.
 - b) Payment terms: Within 30 days after the delivery and installation of the item at IIT GOA.
5. Delivery and installation should be made within 6 weeks of getting a confirmed order.
 6. Bidders should compulsorily quote for all the items specified in the tender enquiry. IIT Goa shall issue the purchase order to the technically qualified eligible bidder whose bid has been determined as the aggregate lowest evaluated financial bid.
 7. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
 8. Quotations shall be submitted in two parts;
 - 1) **Part – I (Technical)** should contain all the technical details and specification of the product. It should contain unpriced bid along with terms and conditions, compliance certificates, proprietary certificates (if applicable), any other certificates/details etc. This envelope should be marked as “Technical Bid”
 - 2) **Part -II (Financial)** The financial bid of the above item should be in a sealed envelope marked as “Financial Bid” and should contain financial terms and conditions.
 9. For any clarification, you may kindly contact Dr. Sachin Kore (E-mail: sachin@iitgoa.ac.in and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 29/11/2019.
 10. All sealed quotations must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa, 403 401 by 17.00 Hrs on or before 10/12/2019.

Sd/-

Asst. Registrar (S&P)

Specifications for 3D Printer (FDM)

- Type: Desktop
- Technology: Fused Deposition Modelling (FDM)
- Build Volume: 270 × 240 × 300mm
- Printing Speed: 100mm/s or more
- Filament size: 1.75 mm
- Calibration: Bed levelling
- Connectivity: Wi-Fi, USB, Ethernet
- Software: Supporting Software
- Material: PLA, ABS, PLA Carbon-Fiber, Wood fill, PET-G, POM, HIPS, PVA, Nylon
- Nozzle diameter: 0.4 mm
- Layer thickness: 0.1-0.5 mm (adjustable)
- Certification: CE, FCC, ROHS
- Others: Camera support, Resume print capability and 20 kg exotic filaments
- Warranty: 1-year warranty should be included
- Extended Warranty: Quote separately the extended warranty for two more years
- Support: The Firm should have minimum 3 (Three) years' experience in 3D Printing business. The Firm must be local OEM or Local Authorised reseller /distributor / channel partner for 3D Printers accessories and peripherals

Specifications for DLP 3D Printer

- Material: Liquid Photopolymer Resin
- Technology: DLP
- Build Volume: 110 X 60 X 160 mm
- File Types: stl, obj
- Software: Supporting Software
- Certification: CE, FCC, ROHS
- Connectivity: USB /Wi-Fi
- Display: COLOR TOUCH SCREEN
- Other: 10 litre resin
- Support: The Firm should have minimum 3 (Three) years' experience in 3D Printing business. The Firm must be local OEM or Local Authorised reseller /distributor / channel partner for 3D Printers accessories and peripherals.

Specifications for DIY 3D PRINTER cum Laser Engraver

- Type: Desktop DIY
- Material: PLA, ABS, PLA-CARBON FIBER, WOOD-FILL, PETG
- Technology: Fused Deposition Modeling
- Nozzle Diameter (mm): 0.4mm (CHANGEABLE TO 0.2, 0.6, 0.8 & 1MM)
- Min Build Volume: 490 X 490 X490 mm
- Max Extruder Temperature: 255 degree Celsius.
- Extruder: Single
- Filament size :1.75
- File Types: stl, obj
- Software: Supporting Software
- Certificate: CE, FCC, ROHS
- Connectivity: SD Card
- Display: LCD Display
- Others: Heating plate, Resume print, 15v light laser engraver head of 500 Mw wavelength
- Support: The Firm should have minimum 3 (Three) years' experience in 3D Printing business. The Firm must be local OEM or Local Authorised reseller /distributor / channel partner for 3D Printers accessories and peripherals.

Specifications for 3D Scanner

- Scan Volume: Min: 0.25m x 0.25m x 0.25m, Max: 1.5m x 1.5m x 1.5m
- Supported operating systems: 64-bit Windows 8 or later
- Operating range: 0.3m -1.5m
- Operating temperature: 8-45° C
- Depth resolution at 0.5m: 1mm
- Color image size: 1920(w) x 1080(h) px
- USB cord length: 5.5- 6.5 feet
- Hardware recommendations: Supporting hardware
- RAM Support: 2 GB or more
- Minimum screen resolution :1280 x 1024 pixel
- Power Consumption: maximum 2.5 watts
- Warranty: 1-year warranty should be included
- Extended Warranty: Quote separately the extended warranty for two more years
- Support: The Firm should have minimum 3 (Three) years' experience in 3D Printing business. The Firm must be local OEM or Local Authorize reseller/distributor/channel partner for 3D Printers accessories and peripherals.

Specification for UPS

- Type: 5.7KVA 72V Pure Sinewave UPS.
- UPS features: Smart Overload Sense, Short Circuit and Over Temperature Protection.
Should be suited Safely to run Computers & Other IT Applications.
- Battery Voltage: 6 no's, 12V each.
- Battery Ampere hour rating: 80-150 Ah
- Warranty on UPS and Batteries: Minimum 2 years Onsite warranty should be included.