

NOTICE**Quotation No:8/22-23**

Sealed quotations are invited for the supply of the materials specified in the schedule attached below/overleaf. The rates quoted should be for delivery of the articles at the place mentioned below the schedule. The necessary superscription, due date for the receipt of quotations, the date up to which the rates will have to remain firm for acceptance and the name and address of officer to whom the quotation is to be sent are noted below. Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for delivery of the articles should also be mentioned. Quotations not stipulating period of firmness and with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

The prices quoted should be inclusive of all taxes, duties, cesses, etc. which are or may become payable by the contractor under existing or future law or rules of the country of origin/supply or delivery during the course of execution of the contract.

Special conditions, if any, printed on the quotation sheets of the tenders or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.

payment : After satisfactory supply of the item and verification & certification by the department

Superscription : Purchase of Three D printer to the Engineering
Design Lab of Mechanical Engineering
Department
Quotation No : 8/22-23
Due date and time for receipt of quotations : 01/07/2022, 2PM
Date and Time for opening Quotation : 01/07/2022, 3PM
Date up to which the rates are to remain firm for : 30/06/2023
acceptance
Designation and address of Officer whom the : Principal
quotation is to be addressed Rajiv Gandhi Institute of Technology, Kottayam

Place:Kottayam
Date:14.06.2022

Details of items	Quantity
1. 3D Printer (specification attached)	1 No.

Place:Kottayam
Date:14.06.2022

Rajiv Gandhi Institute of Technology, Kottayam

Copy to

- 1.Publication.
- 2.SF/Oc

3D Printer

Specifications

- Moulding Technology: FFF(Fused Filament Fabrication)/ FDM(Fused Deposition Modelling)
 - Printing Size: 350*350*400mm
 - Net weight: 25KG
 - Printing accuracy: ± 0.1 mm
 - Printing Speed: Normal: 120mm/s, Max.: 200mm/s
 - Materials: 1.75mm PLA, ABS, T PU, PETG and variants of PLA and ABS, etc.
 - Control Temp: Nozzle: Max 260 °C
Hot bed: Max 110 °C
 - Power Supply: Input :100-240V AC;
Output: DC 24V 21A;Max25A
 - Nozzle Diameter: Standard 0.4mm
(can be changed to .2/0.3/0.5/0.6/0.8/0.1/1mm)
 - Nozzle Quantity: 1
 - Extrusion type: Bowden Extrusion /Optional Direct Extrusion
 - Software supporting: PROE, Solid-works, UG, 3D Max, Rhino 3D , etc.
 - Format: ST L, OBJ , G-Code
 - Printing Method: SD card(off-line), contact to the PC(on-line), Online supported
 - Body Structure: Imported V-Slot Aluminium Bearings
 - Operating System: Linux, Windows, OSX
 - User interface: 4.3" touch screen
 - Machine Size: 632*666*619 mm
 - Extra features:
 - Auto bed levelling (optional)
 - Dual Z axis
 - Resume the print after a power OFF
 - Filament runout sensor
 - Tool kit
 - Dual Gear Extruder
 - Closed body
 - Customization support for the firmware
- warranty : 3 years