



## NIELIT CALICUT

(Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)

**NIT Campus Post, CALICUT-673 601, KERALA**

Email: [purchase@calicut.nielit.in](mailto:purchase@calicut.nielit.in) Web: <http://nielit.gov.in/calicut>

Phone : 0495-2287266 Fax : 0495-2287168

**By Speed Post**

### LIMITED TENDER ENQUIRY

Ref. No. 2(1122)/2019-20/SMF/3DPRNTR/EQPT/RT

Date: 17.01.2019

**DUE DATE: 11.02.2020**

1. Quotations are invited for the supply of the items as per Annexure.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. The quotations should be valid for acceptance for a period of **sixty days** from the due date
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. The quotations should be for goods exactly conforming to our requirements and specifications.
6. If the item is under DGS&D Rate contract, the number and the price applicable must be mentioned. It may also please be indicated whether the supply can be made direct to us at the DGS&D Rate Contract Price.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotations should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: **32AAATD0315M1Z6**. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1 lakh, which will be released after the expiry of warranty period.
12. Goods shall not be supplied without an official purchase order.
13. Payment : Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. Earnest Money Deposit (E.M.D.) for Rs. **25,000/-** be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0022207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected. Proof of Deposit of EMD amount should be submitted with the Quotation.

Yours faithfully,

Purchase In-Charge  
For Executive Director

Encl: **Annexure**

## ANNEXURE TO ENQUIRY

Your Quotation No.

Date:

1	Name of item(s)	<b>3D Printer</b>	Qty. 1 No.
2	<b>Specifications &amp; Quantity</b> As per separate sheet attached.		
3	Price per unit in Rs. (in figures & words)	Attach separate list, if required.	
4	Total Price in Rupees (in figures & words)		
5	Delivery Period		
6	Terms of Delivery		
7	Taxes, Duties, Octroi & any other statutory levies or charges		
8	Transportation, Insurance, Packing & Forwarding etc.		
9	Discount/off etc., if any		
10	GST Registration No.		
11	Payment Terms		
12	Validity of Tender		
13	Warranty		
14	Any other remarks / EMD Amount and Payment details		
15	Signature of the Tenderer with Name and Date		
16	Address with Email ID & Mobile No.		
17	Central Public Procurement Portal ( <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a> ) Registration, Email login ID		

- NB:** (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.
- (2) Enquiry for the above items and specifications can also be downloaded from our website <http://nielit.gov.in/calicut> or [www.eprocure.gov.in](http://www.eprocure.gov.in)
- (3) Please register at [www.eprocure.gov.in](http://www.eprocure.gov.in) and intimate login details without fail. Watch website for regular updates.

<b>3D Printer Specification sheet</b>		<b>Complied (Yes/No with details)</b>
<b>Technology</b>	Fused Deposition Modelling (FDM) or Fused Filament Fabrication (FFF)	
<b>Material station</b>	Quote separately	
<b>Print head</b>	Dual extrusion print head with auto nozzle lifting system and swappable	
<b>Build volume</b>	XYZ: 330 x 240 x 300 mm or better (left or right nozzle, or dual extrusion)	
<b>Display</b>	Min 4.5" colour touch screen or better	
<b>Filament diameter</b>	1.75mm or 3 mm	
<b>Layer resolution</b>	0.02 mm or better	
<b>XYZ accuracy</b>	7.5 microns, 7.5microns, 3microns or better	
<b>Print head travel speed</b>	10 - 250 mm/s or better	
<b>Build speed</b>	20mm <sup>3</sup> /sec or better	
<b>Build plate</b>	Heated glass build plate and Heated aluminium build plate	
<b>Build plate temperature</b>	20 - 140°C or better	
<b>Build plate levelling</b>	Active levelling	
<b>Supported materials</b>	PLA, Tough PLA, Nylon, ABS, CPE,PC, Breakaway	
<b>Nozzle diameters</b>	0.25 mm, 0.4 mm, 0.8 mm	
<b>Nozzle temperature</b>	250°C or more	
<b>Nozzle heat up time</b>	< 2 min or better	
<b>Build plate heat up time</b>	< 4 min or better	
<b>Operating sound</b>	50 dBA or better	
<b>Material recognition</b>	Auto-recognition with scanner	
<b>Connectivity</b>	Wi-Fi, LAN, USB port	
<b>Monitoring</b>	Live camera	
<b>Power</b>	100 - 240 VAC 6 A 50 - 60 Hz	
<b>Supplied software's</b>	3d Printing host for slicing & Print preparation software with and printer management software solution	
<b>Supported OS</b>	macOS, Windows and Linux	
<b>File types</b>	STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG	
<b>Certification</b>	CE, RoHS, BIS	
<b>Raw Material/filament</b>	3 spools (each -1kg) each of all supported type (for e.g. PLA, ABS etc.)	
<b>Installation &amp; commissioning</b>	Transportation, Installation and commissioning at NIELIT, Calicut	
<b>Warranty</b>	One year minimum	
<b>AMC</b>	Quote separately for 1 year, 1&2 year and 1,2,& 3 years after warranty	
<b>Training</b>	Training: Two days training for our staff	
<b>General</b>	Authorization certificate from OEM to be attached against inquiry	
	Quote Educational pricing for the system & software	

Sign of Authorized Signatory with Name & Seal