



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 Web: <http://nielit.gov.in/calicut>
 Phone: 0495-2287266

LIMITED TENDER ENQUIRY

Ref. No.: 2(1200)/2020-21/3DPAM/AMSW

Date: 10.08.2020

To

DUE DATE: 07.09.2020

TENDER OPENING DATE: 09.09.2020 TIME: 2:00 PM

1. Quotations are invited for the supply of the items as per **Annexure-I**.
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. Quotation will be opened at the above address on the date and time mentioned above. If this day becomes a holiday, the same will be opened on the next working day. The Tenderer or his authorized representative can be present during tender opening.
4. The quotations should be valid for acceptance for a period of **sixty days** from the due date
5. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
6. The quotations should be for goods exactly conforming to our requirements and specifications.
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. Quotation 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.1,00,000/- (Rupees one 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 (EMD) for Rs. 12,500/-** be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN002207) 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 with Tenderer's Bank Account No. and IFSC No. should be submitted with the Quotation. Alternatively, the Tenderer may choose to submit EMD/Bid Security Declaration, as given in **Annexure-II**, subject to the conditions stipulated therein.

Yours faithfully,


 Purchase In-Charge
 For Executive Director

Encl: Annexure

ANNEXURE-I

Your Quotation No.

Date:

1	Description of item(s)	Additive manufacturing and design Software (Educational Purpose) Quantity-1No.
2	Specifications & Quantity : As per Specifications attached.	
3	Price per unit in Rs. (in figures & words)	
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding charges, if any	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	EMD Amount and Payment details	
15	Bank Account No. with IFSC Code	
16	Any other remarks	
17	Signature of the Tenderer with Name and Date	
18	Address with Email ID & Mobile No.	
19	Central Public Procurement Portal (www.eprocure.gov.in) 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

(3) Please register at www.eprocure.gov.in and intimate login details without fail. Watch website for regular updates.

Handwritten signature and date: 10/08/20

ANNEXURE-II

Undertaking for EMD
(on the letterhead of Organization)

Date:

To
The Executive Director
NIELIT
NIT Campus P.O.
Kozhikode – 673601
Kerala

Subject: Undertaking as per GFR–2017, Rule 170(iii).

Dear Sir,

We, the undersigned, offer to supply in response to your Tender No. dated We are hereby submitting our Bid/Quotation for the same. As a part of eligibility requirement stipulated in the said Tender documents, we hereby submit a declaration in lieu of Earnest Money Deposit (EMD), as given below:

1. Our bid shall remain valid for 60 days from the date of submission and that we will not withdraw or modify our bid during the validity period.
2. In case, we are declared as successful bidder and an order is placed on us, we will submit the acceptance in writing within 7 days of placement of order on us.
3. In case, we are declared as successful bidder and an order is placed on us, we undertake, to submit a Security Deposit of 5% of the order value, as per terms stipulated in the Tender.
4. In case of failure on our part to comply with any of the above said requirements, we are aware that we shall be declared as ineligible for said Tender and/or debarred from any **future bidding process of NIELIT for a period of minimum two years.**
5. The undersigned is authorized to sign this undertaking.

Yours sincerely,

Authorized Signatory:
Name and Title of Signatory (with seal):
E-mail:
Mobile No:

Specifications Additive manufacturing and design Software (Educational Purpose)

Platform Supported: PC with Windows 10 operating system

No of Users: 1 License type: Term License 3 years

Specify Name of the software and Version no		
Sl no	Description	Complied (Y/N)
1.	Model Import, Export & Mesh Repair	
	<ul style="list-style-type: none"> • Import common file formats (STEP, IGES, Files from Commonly used CAD Applications) • Batch import and repair • Solid model workflow (loading solid models and re tessellate). • Automatic, Semi-automatic & Manual mesh repair with common add, remove and adjust features like triangles, surfaces, shells, edges etc • Cloud project collaboration • Mesh to CAD (B-rep) export 	
2.	Analysis Tools	
	<ul style="list-style-type: none"> • Part and platform statistics like size, volume etc • Part level analysis like calculation of center of gravity, wall thickness, volume etc • Measurement of lengths, thicknesses, and angles on and between parts that update with model changes • Mesh compare distances between meshes to check models • Live collision detection • Interlock detection&Z-removability check • Report generation 	
3.	Model Editing	
	<ul style="list-style-type: none"> • Cutting tools like Cut parts using standard or custom planes or freeform polygon shapes with custom edge profiles • Add Pins and holes • Mirror and scale of parts • Split or extract shells • Mesh manipulation with smoothing, extrusion, distortion, boolean or shearing operations • Texture and colors: Mark parts for specific machines, to simulate painting, or to send parts to a printer that can produce the colors • Labelling (text, shield or image labels) • Part hollowing 	
4.	Orientation and Packing	
	<ul style="list-style-type: none"> • Best Orientation analysis with user defined parameters • Move, rotate, and align • Planar packing • Model packaging • Automatic 3D packing. 	

Signature 15/08/20

15/08/20

5.	Latticing and Optimization	
	<ul style="list-style-type: none"> Hollow parts and add non-structural lattices in a single step to save material and processing time. Add holes for material drainage with matching plugs during latticing or as a separate operation. Create complex lattices within a part or on its surface, or create designs combining multiple lattices and skins. 	
6.	Support Generation	
	<ul style="list-style-type: none"> Fused filament fabrication supports like Toolpath level supports are integrated in G-Code export. Multiple support types like detailed control over the definition and creation of bar, polyline, and volume supports. Parametric supports like automatically update supports with any changes in orientation, assembly, or geometry. Automated support scripts Semi-automatic support generation Manual support creation Angled volume supports 	
7.	Toolpathing	
	<ul style="list-style-type: none"> Slice Commander like hatching patterns, simple laser strategies and offsets. View simulation of contour and filling directions. Visual programming interface like Creating custom, elaborate scan strategies by combining pre-defined elements with a visual design tool. 	
8.	Machine Integration	
	<ul style="list-style-type: none"> Metal machine workspaces like prepare metal parts with machine-specific settings for the build platform, materials, and build strategies. Non-metal machine workspaces like configure parts for specific, non-metal machines from leading additive machine manufacturers and Fused filament fabrication workspaces. 	
9.	General	
Manuals	User manuals to be supplied along with software	
Installation & commissioning	Installation at NIELIT, Calicut	
Warranty	3 years Maintenance support and free software updates	
Training	Four days complete operation training for NIELIT staff	
General	Authorization certificate from OEM to be attached against inquiry	
	Bidder must quote for the modules separately for establishing a self-contained facility.	
	Quote Educational pricing for the software	

Handwritten signature

Handwritten signature

Sign of Authorized Signatory with Name & Seal