



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 Fax : 0495-2287168

By Speed Post

LIMITED TENDER ENQUIRY

Ref. No. 2(1120)/2019-20/SMF/CNCVM/EQPT

Date: 16.12.2019

As per List Attached – **04 Nos.**

DUE DATE: 30.12.2019

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. **40,000/-** 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)	CNC Vertical Machining Centre
2	Specifications & Quantity 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 (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.

<u>CNC Vertical machining centre</u> Specification sheet		Complied (Yes/No with details)
<u>Essential features</u>		
1.	Fanuc Oi – Mate MF with standard CNC features like Manual data Input simultaneously controllable axis, part program storage and editing, , canned cycles, feed rate overrides, circular interpolation, absolute/incremental programming, back lash compensation, color graphics (LCD), Manual pulse generator etc or better	
2.	Flash card port and USB support	
3.	ATC tool selection : bi directional	
4.	6 or higher station tool magazine	
5.	AC servo axes drives	
6.	Coolant tank with chip tray	
7.	Fail safe brake for vertical axis (Z)	
8.	LM guide ways for X, Y, Z axes	
9.	Manual pulse generator	
10.	One set of machine manuals	
11.	Panel cooler for electrical cabinet	
12.	Standard work light	
13.	Indication lamps	
14.	Total machine enclosure	
<u>Specifications</u>		
Table		
15.	Table size 500x250mm or higher	
16.	Load on table: 150 kgf or higher	
Machine capacity		
17.	X axis travel: 300 mm or higher	
18.	Y axis travel: 250mm or higher	
19.	Z axis travel: 250mm or higher	
Coolant capacity		
20.	Coolant supply through flexible hoses : 20Lpm or higher	
Spindle		
21.	Spindle nose taper 7/24 no 30	
22.	Spindle speed: 60-6000 rpm or higher	
Feed		
23.	Rapid traverse in X, Y, Z axes (on each axis): 15/15/10 m/min or higher	
24.	Cutting feed: 1-5000mm/min or higher	
Automatic tool changer		
25.	Number of tools : 6 or higher	
26.	Tool dia: up to 60mm or higher	
27.	Tool length : up to 180mm or higher	
28.	Tool weight : up to 2.5kgf or higher	
29.	Tool Shank type : BT 30	
Accuracy		
30.	Positioning accuracy for X, Y, Z axes: 0.015mm or better	

Repeatability		
31.	Repeatability for X, Y, Z axes: ± 0.005 or better	
Drive motors		
32.	Spindle motor power 15 min/cont: 5.5/3.7 kW or higher	
33.	Feed motor torque on X, Y, Z axes: 7/7/20 Nm or higher	
Compressor (to be supplied along with machine)		
34.	Pneumatic pressure : 5 kg/cm ² or higher	
35.	Pneumatic supply : 300 lpm or higher	
Voltage stabilizer (to be supplied along with machine)		
36.	Voltage stabilizer rating : 15 KVA, 440V, 3 phase, 50Hz	
General		
37.	Transportation, Installation and commissioning at NIELIT, Calicut	
38.	Warranty : One year minimum	
39.	AMC : Quote separately for 1 year, 1&2 year and 1,2,& 3 years after warranty	
40.	Training: Two days training for our staff	
41.	Acceptance Inspection: At your works by our staff	
42.	Authorization certificate from OEM to be attached against inquiry	
43.	Quote Educational pricing for the system & software	

Name & Signature of
Authorized Signatory with Seal