



## 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(1121)/2019-20/SMF/CNCVSLathe/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 Slant Bed Lathe
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>CNC Slant Bed Lathe Specification sheet</b>		<b>Complied (Yes/No with details)</b>
<b><u>Essential features</u></b>		
1.	Fanuc Oi – Mate TD with standard CNC features like Manual data Input simultaneously controllable 2 axis, part program storage and editing, tool nose radius compensation, constant surface speed control, canned cycles, feed rate overrides, circular interpolation, absolute/incremental programming, back lash compensation, colour graphics, Manual pulse generator etc.	
2.	Flash card port and USB support	
3.	Linear motion guide ways (LM) for both X & Z axes	
4.	Tail stock with external rotating centre	
5.	8 (or higher) station bi directional tool turret	
6.	AC servo axes drives	
7.	AC spindle drive	
8.	Air condition unit for control cabinet	
9.	Automatic centralized lubricating system	
10.	Basic hydraulic system	
11.	Built in lighting system	
12.	Coolant system	
13.	Electronic Hand wheel	
14.	Drain line for oil cooler	
15.	3 jaw power operated hollow high speed chuck including power chucking cylinder	
16.	One set of machine manuals	
17.	Oriented spindle stop	
18.	Tailstock	
19.	Machine status lamps (indicators)	
20.	Standard tooling package	
21.	Programmable quill	
<b><u>Specifications</u></b>		
<b>Capacity</b>		
22.	Swing over bed dia : 400mm higher	
23.	Swing over carriage area : 150mm or higher	
24.	Turning diameter: upto 175mm or higher	
25.	Turning length: upto 200mm or higher	
26.	Distance between centres: 250mm or higher	
<b>Spindle</b>		
27.	Spindle nose: Flat	
28.	Standard bar capacity: upto 25mm dia or higher	
29.	Bore through spindle: upto 35 mm dia or higher	
30.	Spindle speed : upto 4000 rpm or higher	
31.	Spindle motor power rating (15min/countinuous); 5.5/3.7KW or higher	
<b>Work holding</b>		
32.	Standard chuck size 135mm or higher	

33.	Standard chucking cylinder	
<b>Tooling</b>		
34.	No of tools: 8 or higher	
35.	Boring bar dia : 25mm or higher	
36.	OD turning tool size 16x16mm or higher	
<b>X&amp;Z axes</b>		
37.	Axis stroke for X&Z axes : 110/220 mm or higher	
38.	Axis rapid traverse rate for X&Z axes: 15/15 m/min or higher	
<b>Tail stock</b>		
39.	Base travel: 80 mm or higher	
40.	Quill travel: 120 mm or higher	
41.	Quill diameter: 50mm or higher	
42.	Quill taper MT 4	
<b>Coolant</b>		
43.	Tank capacity: 60 litres or higher	
<b>Hydraulic system</b>		
44.	Pump capacity : 12 LPM	
45.	Hydraulic power pack capacity: 20 litres	
<b>Standard tooling package</b>		
46.	OD tool holder clamping blocks: 8 nos	
47.	Boring bar holders : 4	
48.	Sleeves for boring bar holders : 1 set	
49.	C holder for facing tool: 2 nos	
50.	Sleeves for Taper shank drills – 1 set	
51.	Any other tools as required by the machine offered: 1 set	
<b>Voltage stabilizer (to be supplied along with machine)</b>		
52.	Power rating : 15 KVA; 300-460V AC	
<b>General</b>		
53.	Transportation, Installation and commissioning at NIELIT, Calicut	
54.	Warranty : One year minimum	
55.	AMC : Quote separately for 1 year, 1&2 year and 1,2,& 3 years after warranty	
56.	Training: Two days training for our staff	
57.	Acceptance Inspection: At your works by our staff	
58.	Authorization certificate from OEM to be attached against inquiry	
59.	Quote Educational pricing for the system & software	

**Sign of Authorized Signatory  
with Name & Seal**