



# NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA – 769 008, ODISHA

## Advertised Tender Enquiry

**Department: Foundation for Technology and Business Incubation (FTBI)**

**Tender notification no: - NITR/PW/FTBI/2024/331**

**Date: 31/07/2024**

### Important Dates

Through,  
CPP Portal  
(e-procurement)

Event	Date	Time
Pre-bid Conference	NA	NA
Last Date of submission of bid	<b>21/08/2024</b>	<b>11:00 AM</b>
Date of opening of technical bid	<b>22/08/2024</b>	<b>11:00 AM</b>

Dear Sir,

We intend to purchase the commodities specified below and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms within the time mentioned above.

For any clarification:

**ATTENTION:**

President (FTBI): **Prof. Manoj Kumar Mishra**  
FOUNDATION FOR TECHNOLOGY AND  
BUSINESS INCUBATION, (FTBI)  
NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA – 769 008, ODISHA

Yours sincerely,

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Name: Prof. Manoj Kumar Mishra  
President (FTBI)

Encl:

- (1) Schedule of requirement, specifications, dates etc.**
- (2) Bid document containing detail terms and conditions.**

1. **Schedule of requirements**

Item No	DESCRIPTION	Quantity
1	Procurement of Automatic CNC Milling Machine	1 Set

2. **Specifications and allied Technical Details: As per Annexure – I** (Quote separately for Quotation 1 and Quotation 2)

3. **Format of Quotation** (tick appropriate box)

It is a two part bid with separate technical and price bids

4. The bid should be submitted through <https://eprocure.gov.in/eprocure/app>

5. Quotations should be valid for a period of **90 days** from the closing date of the bid.

6. **Some important dates:**

i.	Pre-bid Conference	Date: NA	Time: NA
ii.	Last date for submission of Bid:	Date: <b>21/08/2024</b>	Time: <b>11:00 AM</b>
iii.	Date of opening of Technical bid:	Date: <b>22/08/2024</b>	Time: <b>11:00 AM</b>

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7. **Warranty** of minimum 2 (two) year from the date of installation of equipment. In case at installation of equipment / part of equipment are found defective / damaged during or after delivery to consignee, the supplier will replace or repair the equipment under warranty at consignee's location in India free of cost or if any case it is required to send back to foreign manufacturer / supplier should bear the cost.

8. **GST:** GST should be charge according to applicable rates.

9. **Earnest Money Deposit and Tender Cost:** EMD in shape of Demand Draft / Banker's Cheque for **INR 1,12,000/-** (Rupees One lakh twelve thousand only) and Tender Cost (Non-refundable) in the form of Demand Draft / Banker's Cheque for **INR 1,000/-** (Rupees One thousand only) in favor of **Chairman, FTBI, NIT Rourkela** Payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank. The Demand Draft for the EMD should remain valid for a period of **45 days** beyond the bid validity period from the date of opening of technical bids. EMD of unsuccessful bidders will be returned to them without any interest at the earliest and latest on or before the **30<sup>th</sup> days** after the award of the contract.

10. **EMD (Earnest Money deposit) and Tender Cost** should reach physically through speed post/ register post/courier, containing in an envelope & superscripted with subject, tender reference number addressing to **Chairman, FTBI, NIT Rourkela- 769008, Odisha;** Attention: President (FTBI) on or before **22/08/2024 at 11:00 AM** failing which the bid will summarily rejected.

11. Bidders registered with Khadi and Village Industries Commission (KVIC), National Small Industries Corporation (NSIC) and any other body specified by the Ministry of MSME / GoI as per public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD provided that the registration certificates issued by one of those mentioned agencies must be valid as on closing date of tender. Micro and Small Enterprises who have applied for registration renewal of registration with any of those

agencies/bodies but have not obtained the valid certificate as of the close date of the tender are not eligible for exemption.

12. The EMD / Bid Security of the bidder who withdraws its bid in breach of terms and conditions of the contract, withdraws at any stage after the opening of the technical bid and who evades or refuses to accept the Award of Contract after being L1 within the period of validity, shall be liable to forfeiture.
13. **Performance Security:** 5% of tender contract value in favor of **Chairman, FTBI, NIT Rourkela** Payable at Rourkela from any Scheduled Commercial Bank except Co-operative and Gramin bank within 15 days from the date of P.O. in shape of Demand Draft. Performance Security will remain valid for period of 60 days beyond the date of completion of all contractual obligations of the suppliers including warranty obligation.
14. **Technical Evaluation Criteria:** As per the detailed equipment technical specifications given in Annexure –I (Quotation 1 and Quotation 2).

**Other Qualification criteria:**

- i. Complete technical specification of the instruments and its necessary parts and accessory items required for running the instrument.
- ii. A complete design along with the clear indication/markings of the specification mentioned in the technical bidding document (wherever possible) of the instrument.
- iii. Make, model and specification of the list of equipment as mentioned in schedule of requirement.
- iv. Scanned copy of the technical brochure and website reference of the same must be included in the bid.
- v. There must be a local maintenance centre with the availability of the spares in India.
- vi. A declaration from the Principal stating that the spares will be made available for the equipment for at least 5 (five) years from the date of installation.
- vii. 3 numbers of Scanned copy of Purchase Order (not older than 7 years) of similar or higher specification supplied within India (at least ONE from premier Government Institution and R & D Organization).
- viii. A duly signed detailed User List (at least 5) with the concerned person's valid contact details, in India where the instrument is still in the operational condition must be provided.
- ix. A copy of the Authorization Certificate issued by the Principal in favour of the Indian agent along with a certified copy of the Agency Agreement between the foreign Principal and Indian agent. Both these certificates must be up-to-date.(if applicable)
- x. A letter in the official letterhead of the principal declaring the Indian agent as their authorized agency to bid contain the official tender enquiry number as depicted in the CPP portal, must be included with the technical bid. (This must not be clubbed with Authorization Certificate)
- xi. A duly signed separate compliance sheet of the specification (at every point) mentioned in the technical part along with the deviation (if any). This compliance sheet will not be considered as the technical specification of the instrument.
- xii. Each bidder has to mandatorily quote for all the items as mentioned in BOQ.
- xiii. Income Tax Return, Balance Sheet and Profit & Loss Statement for the last 3 years ending 31<sup>st</sup> March 2024 duly certified by Chartered Accountant must be submitted in techno-commercial bid.
- xiv. Duly signed Annexure – II, III & Annexure – IV.

**15. Financial Bid & Evaluation Criteria:**

- i. The financial bids should be uploaded online as per the specified “.Xls” format i.e. Price Bid Excel sheet attached as “.Xls” with the tender and based on the scope of work, service conditions and other terms of the Tender document. It should include all costs associated with the Terms of Reference/Scope of Work of the assignment.
- ii. The comparison will be made for the award of contract on the overall price basis quoted in BOQ.

**16. MII & Purchase Preference:**

As per the Ministry of Commerce and Industry Order No. P-45021/2/2017-PP(BE-II) dated 04.06.2020 preference shall be given to Make in India products for which it is mandatory for bidders to declare Country of Origin of goods and percentage of Local contents in the product.

**Definitions:**

“Local Content” means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent. “Class-I local supplier” means a supplier or service provider, whose goods, services or works offered for procurement, has local content to or more than 50%, as defined under this order. “Class-II local supplier” means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this order. “Margin of purchase preference” means the maximum extent to which the price quoted by a Class-I local supplier may be above the L1 for the purpose of purchase preference. (shall be 20%)

Purchase Preference:

- (a) Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to ‘Class-I local supplier’ in procurements undertaken by procuring entities in the manner specified here under.
- (b) In the procurements of goods or works, which are covered by para 3(b) above and which are divisible in nature, the Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:
  - i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class local supplier', the contract for full quantity will be awarded to L1.
  - ii. If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- (c) In the procurements of goods or works, which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-1 local supplier' shall get purchase preference over 'Class-I local supplier' as well as 'Non-local supplier', as per following procedure:

- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class1 local supplier', the contract will be awarded to L1.
- ii. If L1 is not 'Class-1 local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- iii. In case such lowest eligible 'Class-1 local supplier' fails to match the L1 price, the 'Class-1 local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-1 local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

(d) "Class-I local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

17. Please go through the enclosed "bid document" carefully for other bidding instructions.
18. Please send your quotations through <https://eprocure.gov.in/eprocure/app>
19. For technical details, you may contact:

<p><b>Prof. Manoj Kumar Mishra</b> President, FOUNDATION FOR TECHNOLOGY AND BUSINESS INCUBATION (FTBI) National Institute of Technology, Rourkela - 769 008 Phone: 0661 – 246 2231 / 2237 E-mail: <a href="mailto:ftbi@nitrkl.ac.in">ftbi@nitrkl.ac.in</a>, <a href="mailto:mkmishra@nitrkl.ac.in">mkmishra@nitrkl.ac.in</a></p>
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**BID DOCUMENT**

**1. Instructions to the bidders**

- 1.1 Bids are invited on behalf of the Chairman, FTBI, National Institute of Technology (NIT), Rourkela – 769 008, Odisha, from the intending bidders for supply of the goods/stores/equipment for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote their offer/rates in BOQ in clear terms without ambiguity. The rate quoted for equipment shall be including all taxes, duties, license fee, road permits, and delivery charges up to NIT Rourkela. (designated laboratories / department / center)
- 1.3 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.4 The last date for receipt of the bid is marked in the enquiry.
- 1.5 The bids should be uploaded in <https://eprocure.gov.in/eprocure/app> Please follow the guidelines of the site.
- 1.6 If a prospective bidder requires any clarification in regard to the bidding documents, he may make a request the concerned officer or faculty member at least 15 days before the deadline for receipt of bids. Bid received after deadline of receipt indicated in para 1.4 above shall not be taken into consideration.
- 1.7 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.8 (In respect of high value plant, machinery etc. of a complex and technical nature). The bids may be submitted in two parts, viz., technical bid and financial bid.
- 1.9 The bidder has to sign in full at all pages of the scanned part of the bidding document. No over-writing in those pages is acceptable.
- 1.10 Partial submission of bid is not permitted. Bidders should apply for all items.
- 1.11 EMD exemption is as per govt. of India rule

**2. Conditions of the bid**

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges. In case these charges are quoted extra in addition to the quoted rates, the amount thereof or Ad Valorem rate must be specified. Packing, forwarding, freight etc., when quotes separately are reimbursable at actuals. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.2 Duties and Taxes are to be quoted separately. Ad Valorem rates thereof should be clearly indicated with reference to the relevant Acts and Rules.
- 2.3 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached within **60 days** from the date of placement of the supply of order under the risk and arrangement of the bidder and offers with delivery beyond the above period shall be treated as unresponsive. In case the delivery time is higher, the same must be mentioned clearly in the quotation.
- 2.4 The bid should remain valid for a period of **90 days** from the date of opening of technical bids. In case your offer has a different validity period that should be clearly mentioned in the quotation.

- 2.5 No Bid shall be modified, substituted or withdrawn by the Bidder after the Bid's due date.
- 2.6 Any alteration/ modification in the Bid or additional information supplied subsequent to the Bid's due Date, unless the same has been expressly sought for by the Authority, shall be disregarded.
- 2.7 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.8 The goods offered should strictly conform to the specification and technical details mentioned in **Annexure-I** (Quotation 1 and Quotation 2).
- 2.9 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.10 Period of guarantee/warranty, where applicable, should be specified in the bid.
- 2.11 If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the Chairman, FTBI, NIT, Rourkela to recover liquidated damage from the firm at the rate of 1 percent of the value of undelivered goods per month or part thereof, subject to a maximum of 5 percent of the value of undelivered goods. Alternatively, it will also be opened to the Chairman, FTBI, NITR to arrange procurement of the required goods from any other source at the risk and expenses of the bidder.
- 2.12 The successful bidder may be required to execute a contract, where applicable.
- 2.13 The bidder has to furnish up to date GST and Income Tax Clearance Certificate along with the bid.
- 2.14 Payment (100 percent) will be made by Account Payee Cheque /Bank Draft, within 30 days from the date of receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, and after successful installation and demonstration where ever applicable, whichever is later/latest.
- 2.15 **Liquidated Damages:** the liquidated damages shall be levied, for delay in supply beyond the contractual delivery date at the rate of 0.5% per week of delay or part thereof on delayed supply of goods and / or services until actual delivery or performance subject to a maximum of 10% of the contract price of the equipment the delivery of which is delayed, for each month or part of a month.
- 2.16 The institute reserves the rights to cancel / reject any or all bids, or cancel the tender process, or issue another identical tender for similar service without assigning any reason thereof.
- 2.17 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Chairman, FTBI, NIT, Rourkela shall be final.
- 2.18 The bid document/resultant contract will be interpreted under Indian Laws.
- 2.19 Partial submission of bid is not permitted. Bidders should apply for all items.

**Specification of Automatic CNC Milling Machine****Quotation 1****AUTOMATIC CNC MILLING MACHINE**

<b>Sl. No.</b>	<b>DESCRIPTION</b>	<b>SPECIFICATION</b>
1	Clamping Area	Not less than 300 x 800mm
2	No. of T-slots	Not less than 3 Nos.
3	Maximum load on table	Not less than 300kg
4	Longitudinal movement (X-axis)	Not less than 750mm
5	Transverse movement (Y-axis)	Not less than 350mm
6	Vertical Movement (Z-axis)	Not less than 350mm
7	Feed rate	1-5000mm/min or better
8	Rapid Transverse X/Y/Z	15/15/10 m/min or better
9	Spindle power-Continuous	Not less than 3.7 kw
10	Speed	60-6000 rpm
11	Spindle Taper	BT-40
<b>12</b>	<b>Auto Tool Changer:</b>	
12.1	Type of Tool Changer	Arm Type
12.2	No. of Tools	Not Less than 20 Nos.
12.3	Max. tool dia. with adjacent pocket full/empty	75/125 mm
12.4	Max. Tool length	Not Less than 200 mm
12.5	Maximum Tool Weight	Not less than 7 Kg.
12.6	Tool changing time	2.5 Sec.
<b>13</b>	<b>Accuracy: As per ISO 230-2 or Equivalent</b>	
13.1	Positioning accuracy	0.012 mm or better
13.2	Repeatability	0.010 mm or better
<b>14</b>	<b>CNC System:</b>	
14.1	Monitor	10.4" Colour Monitor or better
14.2	Incremental input/output	Maximum 0.001 mm
14.3	Simultaneous Control axis - X,Y & Z	
14.4	Selection- Menu switches or Touch screen.	
14.5	Back-lash compensation	
14.6	Pitch error compensation	
14.7	Manual pulse generator: For manual movement of axes.	
14.8	Display of messages - On Screen	
14.9	Feed Hold: For stopping feed during operation.	
14.10	Provision RJ45 Port/ USB Port for serial interface and data input / output during machining operation	
14.11	PCMCIA Memory Card	
14.12	Graphic simulation facility for tool travel and feed.	
14.13	Dry run	



14.14	Machine lock	
14.15	Block skip function	
14.16	Block search	
14.17	Programme/sequence number search	
14.18	Programme re-start	
14.19	Over load protection.	
14.20	Run hour/parts count display	
14.21	Mirror image	
14.22	Manual reference point return	
14.23	Co-ordinate system setting	
14.24	Canned cycle	
14.25	Feed rate over ride 0 to 120% or more in steps of 10% preferably	
14.26	Program protect during power failure in editing/machine operation mode.	
<b>15</b>		
15.1	Stress relieved Casting base & Column	
15.2	Coolant Tank with Chip Tray-Front Chip disposal preferable	
15.3	Air blast for spindle nose cleaning	
15.4	Rigid Taping	
15.5	Manual pulse generator	
15.6	Auto tool clamp-declamp	
15.7	Electronic/Hydraulic Counter balancing for Vertical milling head	
15.8	Brake motor for vertical axis	
15.9	Centralized oil lubrication for guide ways and ball screw	
15.10	Machine lamp	
15.11	Machine Guard	
<b>16</b>		
16.1	Operation & Maintenance Manuals	
16.2	Maintenance Tool Kit	
16.3	Pull Studs-20 Nos.	
16.4	Coolant gun	
16.5	First Fill Oil	
16.6	Clamping Kit	
16.7	A.C.Unit for Electrical Cabinet	
16.8	3 Tier Lamp	
16.9	Leveling Pads & Foundation Bolts	
16.10	Voltage Stabilizer- 10 KVA	
<b>17</b>	<b>Air Compressor:</b>	
17.1	Type	Reciprocating Type
17.2	Air Discharge	Min. 10 Cfm @ 9-10 Bar Pressure
17.3	Preferable Make	ELGI/Atlas Copco/Ingersolrand
<b>18</b>	<b>Air Dryer:</b>	
18.1	Type	Refregeration Type
18.2	Air Discharge	Min. 10 Cfm @ 10 Bar Pressure
18.3	Preferable Make	ELGI/Atlas Copco/Ingersolrand
<b>19</b>	<b>Startup Tool Kit</b>	
19.1	BT40 face mill adapter.	1 No.
19.2	Dia.50 face milling cutter	1 No.
19.3	Inserts for above cutter	10 Nos.
19.4	Insert Screw	1 No.

19.5	Torx Key for above Milling Cutter	1 No.
19.6	BT40 ER32 Collet Chuck	6 Nos.
19.7	Clamping Wrench - ER32	1 No.
19.8	Collet Set - ER32 (2,4,6,8,10,12 mm)	1 Set
19.9	Solid Carbide Drill - Dia. 2,4,6,8,10,12 mm	1 Set
19.10	Solid Carbide End Mill - Dia. 2,4,6,8,10,12 mm	1 Set
19.11	DIN Tap-M2,M4,M6,M8,M10,M12	1 Set

## Quotation 2

### AUTOMATIC CNC MILLING MACHINE

SI. No.	DESCRIPTION	SPECIFICATION
1	X-axis Stroke	Not less than 600 mm
2	Y axis stroke	Not less than 450 mm
3	Z axis stroke	Not less than 500 mm
4	Table working surface	900mm X 430mm
5	Maximum allowable weight on the table	Not less than 500 Kgs
<b>6</b>	<b>SPINDLE</b>	
6.1	Spindle Nose Taper	BT 40
6.2	Spindle Speed Range	8000 rpm
6.3	Spindle Motor Power-Cont./Intermittent	7.5/11 Kw or Higher
6.4	Max. Torque	Not less than 55 Nm
6.5	Inner Spindle Bearing Dia.	Not less than 70 mm
6.6	Spindle Motor	Should be of Alpha Series
<b>7</b>	<b>FEED SYSTEM</b>	
7.1	Cutting Feed Rate	Not less than 10 m/min
7.2	Rapid Traverse X	Minimum 30 m/min
7.3	Rapid Traverse Y	Minimum 30 m/min
7.4	Rapid Traverse Z	Minimum 30 m/min
7.5	Feedback Elements	Absolute Encoder
7.6	Axis Motor Torque for X / Y / Z Axis	Not less than 12 Nm / 12 Nm / 20 Nm
<b>8</b>	<b>GUIDEWAYS</b>	
8.1	Guideways for X,Y and Z axis	Should be LM Guideways
8.2	Type	Roller
8.3	Guideways Width- X Axis	Not less than 30 mm
8.4	Guideways Width- Y Axis	Not less than 30 mm
8.5	Guideways Width- Z Axis	Not less than 30 mm
<b>9</b>	<b>BALL SCREW</b>	
9.1	Ball Screw for X,Y & Z axis	Should be Hardened & Ground
9.2	Ball Screw Dia.-X Axis	Not less than 30 mm
9.3	Ball Screw Dia.-Y Axis	Not less than 30 mm
9.4	Ball Screw Dia.-Z Axis	Not less than 30 mm
<b>10</b>	<b>Automatic Tool Changer</b>	
10.1	Type	Twin Arm Type
10.2	No. of Tools	Minimum 24 Nos.
10.3	Max. Tool Dia. With pocket full/adjacent pocket empty	75/140 mm
10.4	Max. Tool Length	250 mm
10.5	Max. Tool Weight	Not less than 8 Kgs
10.6	Tool changing Time	Min. 2.5 Sec or Better
<b>11</b>	<b>Accuracy as per ISO 230-2 or Equivalent</b>	
11.1	Positioning X,Y and Z axes	0.012 mm or Better
11.2	Repeatability X Y and Z axes	0.009 mm or Better
<b>12</b>	<b>Lubrication and Coolant</b>	
12.1	Guideways and Ball screws	Automatic pressure Lubrication with Fault Detection
12.2	Coolant tank capacity	Suitable for the machine

<b>13</b>	<b>CNC System</b>	<b>Fanuc 0i MF+</b>
13.1	Monitor	10.4" Colour Monitor
13.2	Incremental input/output	Maximum 0.001 mm
13.3	Simultaneous Control axis - X,Y & Z	
13.4	Selection- Menu switches or Touch screen.	
13.5	Back-lash compensation	
13.6	Pitch error compensation	
13.7	Manual pulse generator: For manual movement of axes.	
13.8	Display of messages - On Screen	
13.9	Feed Hold: For stopping feed during operation.	
13.10	Provision RJ45 Port/ USB Port for serial interface and data input / output during machining operation	
13.11	PCMCIA Memory Card	
13.12	Graphic simulation facility for tool travel and feed.	
13.13	Dry run	
13.14	Machine lock	
13.15	Block skip function	
13.16	Block search	
13.17	Programme/sequence number search	
13.18	Programme re-start	
13.19	Over load protection.	
13.20	Run hour/parts count display	
13.21	Mirror image	
13.22	Manual reference point return	
13.23	Co-ordinate system setting	
13.24	Canned cycle	
13.25	Feed rate over ride 0 to 120% or more in steps of 10% preferably	
13.26	Program protect during power failure in editing/machine operation mode.	
<b>14</b>	<b>Standard features:</b>	
14.1	Stress relieved Casting base & Column	
14.2	Front Chip Disposal Preferable	
14.3	Full Machine Guard	
14.4	Hydraulic/Electronic Counterbalancing for Z Axis	
14.5	Auto Toll Clamp Declamp	
14.6	Centralized auto lubrication	
14.7	Spindle taper Air Blow	
14.8	Manual Pulse generator	
14.9	Rigid Taping	
14.10	Telescopic covers with wipers	
14.11	RJ45 Port/USB interface	
<b>15</b>	<b>Standard Machines Accessories along with machine:</b>	
15.1	Pull Studs	24 Nos.
15.2	3 Tier Lamp	
15.3	Coolant Gun	
15.4	Ring Coolant around the Spindle	
15.5	Voltage Stabilizer of Suitable Capacity	
15.6	A.C. Unit for Electrical Cabinet	
15.7	Manual Vice, Opening 250 mm	
15.8	Clamping Kit	
15.9	First Fill Oil	

15.10	Air Compressor(Reciprocating Type)	Capacity- 9-10 Bar Pressor @ 10 CFM Minimum
15.11	Air Dryer(Refrigeration Type)	Capacity @ 10 CFM Minimum
15.12	Leveling Pads & Foundation Bolts	
15.13	Maintenance tool kit	
15.14	Machine Manuals	
16	<b>Startup Tool Kit:</b>	
	<b>Description</b>	<b>Quantity</b>
i	BT40 face mill adapter.	1 No.
ii	Dia.50 face milling cutter	1 No.
iii	Inserts for above cutter	10 Nos.
iv	Insert Screw	1 No.
v	Torx Key for above Milling Cutter	1 No.
vi	BT40 ER32 Collet Chuck	6 Nos.
vii	Clamping Wrench - ER32	1 No.
viii	Collet Set - ER32 (2,4,6,8,10,12 mm)	1 Set
ix	Solid Carbide Drill - Dia. 2,4,6,8,10,12 mm	1 Set
x	Solid Carbide End Mill - Dia. 2,4,6,8,10,12 mm	1 Set
xi	DIN Tap-M2,M4,M6,M8,M10,M12	1 Set

***(ON THE LETTERHEAD OF THE FIRM)***

**DECLARATION  
(TENDER ACCEPTANCE LETTER)**

I ..... son/daughter/wife of Shri ..... Director / Partner / Proprietor / Authorized signatory of the Company / Firm / Agency .....is competent to sign this declaration and execute this tender document.

I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them.

The information/documents furnished for this tender are authentic to the best of my knowledge and belief.

I / We/ are aware of the fact that furnishing of any false information / fabricated documents would lead to rejection of my / our tender at any stage besides any liabilities towards prosecution under the appropriate law.

**Date:**  
**Place:**

**Signature of Authorized person**  
  
**Full Name:**  
**Designation:**  
**Seal**

***(ON THE LETTERHEAD OF THE FIRM)***

**SELF DECLARATION – NON-BLACKLISTING**

To,  
The Registrar,  
National Institute of Technology Rourkela  
Rourkela – 769008  
Odisha

Ref: Procurement of Automatic CNC Milling Machine.

Dear Sir,

I / We, Proprietor / Partner(s) / Director(s) of M/s. ...., hereby declare that the Firm / Company namely M/s ..... has not been blacklisted or debarred / no Police Case or Vigilance inquiry pending or ever been punished by any Hon'ble Court / no due towards Income Tax declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period as on the date by NIT Rourkela or any other Govt. Organization / PSU / Central Autonomous Body from taking part in tenders.

We further declare that presently our Firm / Company M/s .....is not blacklisted or debarred and not declared ineligible for any reason by any State / Central Government / PSU / Autonomous Body on the date of bid submission including violation of relevant Labour Laws.

If this declaration is found to be incorrect then without prejudice to any other action than may be taken, our Performance Security may be forfeited in full and the bid, if any to the extent accepted may be cancelled at any stage and the contract may be terminated and we shall be debarred from bidding in future against any other tender.

**Date:**

**Place:**

**Signature of Authorized person  
Name  
Designation with agency seal**

***(ON THE LETTERHEAD OF THE FIRM)***

**BID SECURITY DECLARATION**

To,  
The Registrar,  
National Institute of Technology Rourkela  
Rourkela – 769008  
Odisha

Ref: Procurement of Automatic CNC Milling Machine.

Dear Sir,

We, the undersigned declare that

1. We understood that, according to the tender conditions, bids must be supported by a Bid Security Declaration.
2. We accept that we will automatically be suspended from being eligible for bidding in any contract with the Institute for the period of 3 years or as per decided by the NIT Rourkela starting from the bid closing date, if we are in breach of our obligation(s) under the bid conditions, because we;
  - a. have withdrawn our bid during the period of bid validity specified in the letter of bid; or
  - b. having been notified of the acceptance of our bid by the institute during the period of bid validity, (i) fail or refuse to execute the contract, or (ii) fail or refuse to furnish the performance security, in accordance with the tender conditions.

**Date:**

**Place:**

**Signature of Authorized person  
Name  
Designation with agency seal**