



## RAJKIYA ENGINEERING COLLEGE AZAMGARH

राजकीय इंजीनियरिंग कॉलेज  
देवगाँव, आजमगढ़, (उ.प्र.), भारत

AN AICTE APPROVED GOVERNMENT ENGINEERING COLLEGE, AFFILIATED TO DR. A.P.J.  
ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW

<http://gecazamgarh.ac.in/>

### Tender Enquiry

Ref No: REC/TEQIP-III/2018-19/ 81

Date: 27/05/2019

To

*Reference to this letter must be mentioned on the envelope containing your bid*

### **SUB: Tender enquiry for CNC MILLING MACHINE under TEQIP - III**

Sir,

Bids are invited in sealed envelope as per below mentioned course content of **CNC MILLING MACHINE** –under TEQIP III

#### **TECHNICAL SPECIFICATIONS CNC MILLING MACHINE**

##### **A) CNC MILLING MACHINE :-**

3 Axes CNC Milling Machine with servo motor control, Industrial Control Panel and further option of linking with Robot, CAD/CAM and FMS (Flexible Manufacturing System) with suitable stabilizer.

Travel:

X axis 550-600 mm

y axis 450-500 mm

Z axis 450-500 mm

Table:

Table size 700 x 420 mm

Load on table Kgs 450-500

Spindle:

Spindle nose to table top 80-580 mm

Spindle to Column 480 mm

Spindle nose taper BT 40

Spindle motor capacity 7KW or more

Programmable spindle speed 100-8000 rpm

CNC detail:

Control system Siemens 828D BASIC / Fanuc 0i MF latest

Accuracy:

Positioning accuracy 0.010mm

Repeatability 0.005mm

Axis:  
 Axis motor AC Servo motor  
 Programmable feed rate 0 – 6000 mm/min  
 Rapid feed X/Y/Z 30/30/20 m/min  
 Guide ways Linear motion guide ways  
 Lubrication Centralized system  
 Ball Screw C3 Grade

Power source: 415V, 3 Ph., 50/60 Hz

**B) 20 Station Automation Tool Changer:-**

Tool Shank	Type	BT 40
No of Tool	No	Minimum 20 tools
Actuation type	Type	Pneumatic / Hydraulic

**C) Standard maintenance and below cutting tooling package :-**

Collet Chuck Holder and Pullstud - RD 25 and RD 32 – each 1 number,  
 Drill Chuck Holder and Pullstud -1 number  
 BT40 SHELL END MILL ADAPTOR 16MM -1 number  
 RD 25 COLLETS(7-6,9-8, 10-9mm), RD 32 COLLET (12-11) - 1 Set  
 HSS SHELL END MILL SHANK DIA.40MM, CUTTER WITH DIA.16MM  
 BORE – 1 number  
 Twist Drill - Dia 6.8,8.5,11mm – 1 Set  
 End mill - Shank 12mm – 1 number  
 CENTRE DRILL - SHANK DIA. 8MM TIP DIA 2 MM – 1 Number  
 CHAMPER CUTTER 45° - Shank 10mm – 1 number  
 Slot Drill - Shank 12mm – 1 number

Along with the machines the below learning materials should also be supplied to teach CNC technology on mill.

➤ Teachware –

The courseware must be License Based with permanent license for easy accessibility. The courseware should be able to train the users on programming and operation with knowledge checks. The course should be interactive with explanation in text, audio, video, animations etc.

➤ Maintenance support

Three year warranty and an interactive multimedia based system with maintenance procedures, basic operations of the machines and troubleshooting activities

## Terms and conditions.

1. The quotation should reach to the Coordinator, TEQIP-III office, RAJKIYA ENGINEERING COLLEGE AZAMGARH, Uttar Pradesh at given timing by speed post/courier.
2. Should attach GST proof.
3. Should be govt. Registered company. Proof should be attached
4. Should attach last 3-year balance sheet copy with the proof of the ITR copy
5. Should attach earlier PO copies.
6. Should not be blacklisted from the govt. Sectors/PSU/institutes.
7. Supplier(s)/Bidder(s) should be manufacturer/distributor/dealer/authorized firm of the mentioned product(s)/goods and should submit the copies of ST No., company/firm registration or equivalent registration with the Central/State Government of India if any. Copies of OEM / Latest authorized dealership certificate for respective items should be enclosed.
8. If required, we can call for the predemo before finalizing the order to check the technical specification and the quality.
9. The whole items of packages must be quoted.
10. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
11. Conditional Bid(s)/Quotation(s) will not be accepted. Any breach of term(s) of contract at any stage and/or non-execution of firm Purchase Order by the supplier(s)/Bidder(s) shall be lead to forfeiture of Earnest money deposit(s).
12. Right to accept or reject any bid or all bids without assigning any reason is reserved with the Institute (or Purchaser).
13. The Bids should reach the institute's TEQIP Coordinator , TEQIP-III office , Rajkiya Engineering College, Azamgarh
14. Vill: Akbalpur, Post : Devgaon ,Azamgarh - 276201 on or before **10.06.2019 up to 4pm**.The institute will not be responsible for any postal delay. Bids Received after due date and time will not be considered.
15. It is essential to indicate service condition of the course material being quoted by you. If service condition is/are not indicated, it will be assumed that it is as per the tender enquiry.
16. All bids will be opened on 11.06.2019 at 2.30 p.m. in the presence of representative of the vender of if present.
17. All prices quoted are to be recorded as per the format given in Annexure -I .
18. The prices quoted are to be handwritten/typed on the letter head of the firm/company.

Regards  
Mr.Sambhrant Srivastava

Copy to:

1. Director Office, Rajkiya Engineering College Azamgarh,
2. TEQIP, Coordinator, Rajkiya Engineering College Azamgarh,
3. Asst. Registrar, Rajkiya Engineering College Azamgarh,
4. Website In-charge ,REC Azamgarh
5. TEQIP file

Annexure -I

PRICE QUOTE FORMAT

<b>Sr.No.</b>	<b>Equipment name</b>	<b>Technical Specification</b>	<b>Qty</b>	<b>Unit Cost</b>	<b>GST</b>	<b>Total price with GST</b>

**Terms and Conditions:**

Validity of Bid

( If not specified then the terms and conditions as mentioned in bid will be applicable.)

Date

Signature

Place

Name of Firm/ Company  
(with stamp)