



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/>
Limited Tender Enquiry

Ref No: REC/TEQIP-III/2018-19/25

Date: 01/11/2018

To

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

SUB: Limited 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 Oi MF latest
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Accuracy:

Positioning accuracy	0.010mm
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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
 CHAMFER 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 earlier PO copies.
5. Should not be blacklisted from the govt. Sectors/PSU/institutes.
6. 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.
7. For the suppliers quoting for more than one package, the quotations should be submitted separately in separate envelope along with separate EMD of appropriate amount.
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 Training & Placement office on or before 19.11.2018 up to 4 pm. The institute will not be responsible for any postal delay. Bids Received after due date and time will not be considered.
14. 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.
15. All bids will be opened on 23.11.2018 at 11 a.m. in the presence of representative of the vender of if present.
16. All prices quoted are to be recorded as per the format given in Annexure -I .
17. The prices quoted are to be handwritten/typed on the letter head of the firm/company.

Regards

Mr. Sambhrant Srivastava
REC Azamgarh

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

Sr.No.	Equipment name	Technical Specification	Qty	Unit Cost	GST	Total price with GST

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)