



Faculty of Engineering & Technology
Guru Jambheshwar University of Science & Technology Hissar
(Haryana)-125001

INVITATION LETTER

Package Code: TEQIP-III/2019/HR/fetg/37

Current Date: 13-Aug-2019

Package Name: CNC Software.

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR QUOTATION OF CAM SOFTWARE (CNC SOFTWARE)

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	CAM SOFTWARE	10	15 days	Department of Mechanical Engineering, Guru Jambheshwar University of Science & Technology, Hisar - 125001	N.A.

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Quotation**

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.

- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than 90 days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
- 6.1 are properly signed; and
- 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
- 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Acceptance	15	100

10. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min %: 1
Liquidated Damages Max %: 5
11. All supplied items are under warranty of **36** months from the date of successful acceptance of items and AMC/Others is **NA**.
12. You are requested to provide your offer latest by **15:30** hours on **27-Aug-2019**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any): **Yes**
15. Testing/Installation Clause (if any): **NA**
16. Performance Security shall be applicable: **10%**
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below:

Chairman

Mechanical Engineering Department
Guru Jambheshwar University of Science & Technology
Hisar, (Haryana)-125001

- 19.** We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)
Name & Designation

Annexure I

Item	Specifications	Quantity
CAM software	<ol style="list-style-type: none"> 1. Software to be used for machining in CNC Turning center, CNC Machining Center, CNC Wire cut EDM and other CNC machines. 2. It must be capable of handling standard cutting operations as per ANSI and ISO standard in CNC machines. 3. It should have open API Architecture to create Macros, Add-ins, DotNet and VBA projects and facility for creating knowledge based managers. 4. Cutting tools to be selected automatically as per required machining strategy from online and offline digital tool library of cutting tool manufacturers. 5. Software to create dedicated post processors for Department installed CNC Machining center (EMCO Concept Mill 155), CNC Turning Center (HMT Stallion 100SU), CNC Wire EDM (Electronica sprintcut) and other CNC machine tools. 6. Virtual machine kinematics are created for Department installed CNC Machining center (EMCO Concept Mill 155), CNC Turning Center (HMT Stallion 100SU), CNC Wire EDM (Electronica sprintcut) and other CNC machines. 7. Software should use its own kernel to generate cutter location data. 8. Single programming interface for following CNC machines. <ul style="list-style-type: none"> • Machining center (up to six axis) • Turning center (up to twenty two axis) • Wire EDM (up to five axis) • Swiss-style turning center • Multi-tasking machines with synchronized operations. • Plasma cutting • Laser cutting • 3D printing etc. 9. Simultaneous Toolpath functionality up to five axis. 10. Artificial intelligence in software to process left over stock. 11. Facility of graphical comparative identification in raw material and finished model for undercut and overcut. 	10 perpetual Licenses

	<p>12. Detailed machining report should contain process sequence, tool life, Tools count, cycle time, feed length, rapid length etc.</p> <p>13. Software should have inbuilt data translators to process any kind of leading CAD neutral and native file formats.</p> <p>14. The output from software should be compatible with native files.</p> <p>15. Software should support B axis in CNC turning center.</p> <p>16. Use of inbuilt (profit etc.) technology for high volume material removal rate in turning and milling operations.</p> <p>17. Use of inbuilt (pinch profit etc.) technology for simultaneous use of two cutting tools in turning centers.</p> <p>18. Use of advanced features in turning centers like sub-spindle, bar feed, parking turret etc.</p> <p>19. Technical support for at least one week per year at University and at bidder site.</p>	
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FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____