

INVITATION FOR QUOTATION

To,

No. PEC/CoE/2017/

Dated:

Sub: Invitation for Quotations for providing training under CoE.

Dear Sir,

1. You are invited to submit your most competitive quotation for the following training programme as per detailed specifications given at Annexure I,

Sr. No.	Brief Description	Training period	Place of training
1	Training on 3D modeling and sculpting with hardware support for medical research	5 - 7 days*	Centre of Excellence, Production & Industrial Engineering, PEC University of Technology, Chandigarh

****Training should be completed before March 31, 2017, failed to which no payment will be made.***

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 II 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 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 3.2 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 3.3 Applicable taxes shall be quoted separately.
 - 3.4 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.
 - 3.5 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 **55** 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:
On completion of training programme - 100% of total cost
10. You are requested to provide your offer latest by **15:00** hours on **March 17, 2017**.
- 11.** Detailed specifications of the items are at **Annexure I**.
12. Sealed quotation to be submitted/ delivered at the address mentioned below,
Centre of Excellence in Industrial & Product Design
Production & Industrial Engineering Department
PEC University of Technology, Sector 12 Chandigarh 160012
17. We look forward to receiving your quotation and thank you for your interest in this project.

Dr. Jagjit Singh Randhawa
Committee Member
Production & Industrial Engineering Department
PEC University of Technology, Chandigarh

Annexure I
Specifications

Technical Specifications for Training on 3D modeling and sculpting with hardware support for medical research

1. Modeling - Voxel-based modeling
2. Design Modification Tools - Bend and twist tools
3. Surface Modeling - Automatic surfacing of clay or polygon models as NURBS surfaces
4. Clay Modeling - Automatic surfacing of clay or polygon models to NURBS surfaces
5. Analysis - 3D printability analysis

Hardware support required during training

1. Force feedback (6 Degrees of Freedom)
2. Resolution of Hardware > 1100 dpi ~0.023 mm
3. Maximum exertable force and torque - 1.8 lbf/7.9 N
4. Interface - RJ45 Compliant Ethernet Port

