

INVITATION FOR QUOTATION

TEQIP-III/2018/uceo/Shopping/32

16-Nov-2018

To,

Sub: Invitation for Quotations for supply of Goods

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	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	UV light Based 3D Printer	1	60 days	Department of Mechanical Engineering, University College of Engineering, Osmania University, Hyderabad	Yes, required

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, initialing, 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 **45** 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:
Delivery and Installation - 0% of total cost
Satisfactory Acceptance - 100% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **16:30** hours on **03-Dec-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes required**
14. Testing/Installation Clause (if any) **Yes required**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,
The Principal, University College of Engineering, Osmania University, Hyderabad
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications		
1	UV light Based 3D Printer	1	Technology	Non-Laser Material Jetting technology for 3D printing of part from 3D CAD model using photopolymer raw material.
		2	Process	<p>GENERAL</p> <ul style="list-style-type: none"> • Process must be clean, and which can be installed in a lab setup. • The process must be safe and should not emit harmful radiation, toxic fumes and should not have any residue disposal issues. • Operator intervention to be minimal and should be unattended. • The part build commencement must be automated on the build platform without involving application of adhesives/ glues etc. • Multiple part/ build trays sequencing without continuous PC connectivity for un-attended operation apart from

				<p>retrieving the completed part/ tray.</p> <ul style="list-style-type: none"> • Capability to have metal inserts or electronics as part of the build for additional strength and process requirements. <p>MATERIAL/AND HANDLING</p> <ul style="list-style-type: none"> • The filament feed from the cartridge to the print head should be automated. At any instance of the machine operation during idle or run time, the printer display/computer should indicate the amount of material available in the cartridge for optimizing the material consumption. • The machine should have separate bays/housings for model and support materials. • The consumable material housing/bays must be enclosed to prevent the material/filament from moisture and contamination. • Machine should have 2 or more material bays to extend printing times with automatic material switchover capabilities for large jobs. • The machine shall automatically pause and prompt the operator to replenish material and resume printing in case of the material gets consumed during the build process. <p>CALIBRATION</p> <ul style="list-style-type: none"> • The machine level calibrations of both XY and Z axis platform should happen through the back-end software automatically before the start of each job and should not need operator performing procedures before every build.
		3	Build Size	<ul style="list-style-type: none"> • 290 mm * 190 mm * 140mm minimum
		4	Materials	<ul style="list-style-type: none"> • Rigid Materials in minimum 4 different colours • Rigid and Clear Material • Polypropylene/equivalent Material • High Temperature and High Strength Material with min HDT of 60C and Izod Impact (Notched) of 14J/m or better. • Support material should be nontoxic and should be Either Gel like or water soluble in nature, no chemicals/oils or heating equipment to be used to dissolve support
		5	Properties of Model Material	<ul style="list-style-type: none"> • The data sheets with the mechanical, thermal and electrical properties along and across the axis of orientation with ASTM /DIN test methods from reputed test labs should be provided for the materials offered. The datasheets should contain results from test parts build on the same or similar system from the same OEM.
		6	Z Layer thickness	<ul style="list-style-type: none"> • Minimum Layer thickness of 30 micron. The build size should remain consistent with all layer thicknesses and materials.

		7	Printer Software	<ul style="list-style-type: none"> • Software should be capable of: <ul style="list-style-type: none"> a. Importing stl files and auto orientation. b. Automatic pre-processing with slicing. c. Automatic Support generation. d. Part packing and nesting. e. Build estimate with time and material details with real time status updates. f. Queue management for CAD models, stl processed files prioritisation / sequencing etc. g. Real Time remote monitoring and access to the machine with capabilities of starting the job remotely. h. Software should be capable of maintaining logs of each job. i. Slicing Software and its support should be from OEM/manufacturer of the system. Supply of 3rd party compatible software is not permitted
		8	Facility Requirements	<ul style="list-style-type: none"> • Machine compatible of working in lab environment setup. • The system should be non-laser and not emit any hazardous radiation. • Vendors to quote for all the accessories for handling the machine and quote for automated and hands-free feed for the raw materials.
		9	Connectivity	<ul style="list-style-type: none"> • TCP/IP 10/100 base T Connection Ethernet Protocol
		10	Operation	<ul style="list-style-type: none"> • Easy to use and hands free to the maximum possibility.
		11	Warranty	<ul style="list-style-type: none"> • Completely comprehensive Warranty for 12 months. During the warranty period, should there be a failure of any spares, Vendor should replace it at free of cost. The comprehensive warranty should cover all the parts of the machine including electrical, electronic and mechanical systems/components except Consumables.
		12	Bidder Qualification	<ul style="list-style-type: none"> • The bidder must have supplied same machine at other Institutes in the past (a satisfactory performance certificate from those users may be solicited if needed).

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: _____