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Tender Notice

Online/in-Sealed envelope, tenders /quotations are invited from reputed Companies/supply agencies for procurement of equipment, tools, machines for MAYURA AICTE IDEA Lab of our institute. Details of Specification of required items are as follows: -

Sl. No	Name of Item	Specifications	Quantity
01	CNC Router Machine With Water bed	Spindle -6 KW with 24000 rpm Water Cooled X axis Stroke - 1500 mm Y Axis Stroke -3000 mm Z Axis Stroke -350 mm Working Area 1500 mm X 3050 mm Industrial Chiller (Compressor Based) X, Y, Z Structure - Rack & Pinion, Ball Screw & Linear Guide Table Type - T Slot Table with Water Bed DSP -NK 105 G2 Motors & Drives -Stepper Motors with Drives Rack & Pinion – OEM LM Guide - OEM Dust Collector Machine Working Voltage -3 Phase With Cutting Tool Set Stabilizer - 10 kva Servo based Three Phase Stabilizer	01
02	3D Printer	Printing working area – 500 mm x 500 mm x 500 mm, Dual extruder (125 liters build volume) Physical Specifications - Height 925 mm, Width 1040 mm, Depth 955 mm Technology - Fused Deposition Modeling -Industrial Grade 3d printer	01



		<p>Maximum Foot Print-Not more than 1100 mm x 1100 mm for tabletop systems or not more than 1200 mm x 1200 mm for floor mounted system</p> <p>Extruder nozzle diameter - 0.1 mm to 0.8 mm</p> <p>Extruder temperature - 400 °C</p> <p>Materials - ABS, ABS +, ASA, PLA CF, PETG, HIPS, PLA tough, Polycarbonate (PC), AFPM Special, PACF+, ESD PC, Fiber filled thermoplastics, Flexible Filaments, PC-ABS, Chopped carbon filament, TPU, NYLON, PMXX. etc</p> <p>Filament diameter -not more than 1.75 mm</p> <p>Layer thickness - Minimum 100 microns</p> <p>Print Accuracy - 0.15 % of geometry (typical 150 microns) or better</p> <p>Maximum Print Speed- 300 mm/sec or better</p> <p>Build Rate (minimum)- 30 cm³/ hour or better</p> <p>Positioning accuracy- 20 microns or better</p> <p>Build environment- For heated chamber: required temperature - 75 ± 5 °C For</p> <p>Heated Bed temperature: required temperature 150 ± 5 °C</p> <p>Build Plate - Replaceable Toughened Glass</p> <p>Pause Print Option- Pause and print operations should be allowed to accommodate external material/ objects as an insert in the print job</p> <p>Noise level - Less than 65 db</p> <p>Power - 220VAC single phase 50 Hz</p> <p>Power consumption - 1750 W max</p> <p>Documentation- Authorization Certificate from OEM, if equipment is sold by authorized dealer</p> <p>Conformity Certification- Mandatory CE certification</p> <p>Mandatory ISO Certification- Made in India - Mandatory</p> <p>Power Failure Protection</p> <p>Auto Power Resume- Resume the print from the same point after power failure</p>	
03	CO2 Laser Engraving & Cutting Machine	<p>Working Area - 1220 mm x 1220 mm</p> <p>Laser Type Glass - Tube (OEM Based)</p> <p>Laser Power - 130 Watt (Peak power 150W)</p> <p>Wavelength - 10.6 µm Supply</p> <p>Voltage AC - 220 V ±10%</p> <p>Reposition Accuracy- ± 0.05mm</p> <p>Cooling -Water Cooled</p> <p>Work Environment Temp: - 0° C to 45° C.</p> <p>Humidity: - 5% ~ 95%</p> <p>Acceleration Speed -1 G</p> <p>Graphic File Support- PLT, CDR, AI, DWG, DXF, DST, BMP, JPEG, TIFF, GIF, PCX etc.</p> <p>Memory -256 mb</p>	01




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1. **Delivery Place:** Bidder will supply and deliver the materials in requisite number at the office of Kolhapur Institutes of Technology's College of Engineering (Autonomous), Kolhapur, R.S. No. 199B/1-3, Gokul – Shirgaon, Kolhapur – 416234.
2. **Qualification Conditions:**
 - 2.1 Bidder should be authorized supplier/service provider of the quoted item/work and should submit the relevant documents/certificates.
 - 2.2 Bidder should have experience of supplying such items and will have to furnish details of previous supplies.
3. **Bid Price:**
 - 3.1 The contract shall be for a period of three months (90 days).
 - 3.2 The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment of any account.
 - 3.3 All duties, taxes and other levies including the transportation expenses are payable by the Supplier/Agencies/Company under the contract and shall be included in total price.
 - 3.4 Each bidder shall submit only one quotation in the format supplied. Bidder submitting more than one quotation for the same package will not be entertained. All the columns and requisite information must be filled in the supplies Format.
4. **Submission of Quotations/Bid:**
 - 4.1 Each bidder should email quotations with digital signature and sign. Quotation should have both specifications and price.
 - 4.2 The following documents will be part of bid/quotation.
 - i. GST Number
 - ii. Specification of Item (as applicable)
 - 4.3 The Financial part of the bid/quotation shall consist of Rate/Price on the company's/Firm's letter pad. All the column and requisite information must be filled in the prescribed format. Bidder must quote the item wise.
5. **Validity Quotation:** Quotation shall remain valid for a period of 90 days after the deadline date specified for submission.
6. **Evaluation of Quotations:** The purchase committee of KITCOE, KOLHAPUR will evaluate and compare quotations determined to be substantially responsive i.e.




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- a) Are properly signed; &
b) Confirm to terms, conditions, specifications and quality parameters.
7. **Award of Contract:** The purchase committee of KITCOE, KOLHAPUR shall award the contract to the bidder whose quotations has been determined to be substantially responsive, and who has offered the lowest evaluated quoted price.
- 7.1 The purchase committee of KITCOE, KOLHAPUR 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 the contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the purchase committee of KITCOE, KOLHAPUR. The terms of the accepted offer shall be incorporated in the supply order. The validity period may be extended by the purchaser by another 15 days in exceptional cases.
8. **Other Terms & Conditions:**
- 8.1. Kolhapur Institutes of Technology's College of Engineering Kolhapur, reserves the right to proponed/postponed/cancelled the bid, the bidder will have to abide with the decision.
- 8.2. Payment shall be made after the supply and submission of bills which will be subject to satisfactory supply (certified by the committee constituted for the purpose). Supplier has to give training of the equipment to the respective department. Personnel in Charge will certify the quality and quantity of the items supplied/ work done as per specifications and recommend accordingly the extent of payment.
- 8.3. No preference will be given to any bidder of class of bidders, either for the price or for other terms and conditions.
- 8.4. Quotation may be submitted on the printed letter head of the bidder in the prescribed format supplied.
- 8.5. No payment will be made for any damage of goods supplied.

9. **Mention taxes (GST) separately**

You are requested to send your offer/quotation during working hours on or before 3.00 PM of the 08-03-2022 in the prescribed format by email to the **Director KITCOE, KOLHAPUR** and **Idea Lab coordinator** (mujumdar.manoj@kitcoek.in and pise.shivling@kitcoek.in). All valid quotations received till then will be checked on the 08-03-2022, in the office at 4.00 P.M.




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We look forward to receiving your quotations and thank you for your interest in this project.

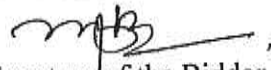
Director

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KITCOE, Kolhapur

PROFORMA FOR TECHNICAL BID

(PART - I)

S.N.	Particulars	To be filled in by the tenderer
1	Name of the Agency	
2	Date of establishment to the agency	
3	Detailed office address of the Agency with Office Telephone Number, Fax Number and Mobile Number and name of the contact person	
4	Whether the firm is registered under Company Act, partnership or proprietor ship. (Copies of all certificate for registration to be enclosed.)	
5	PAN/TAN Number (copy to be enclosed)	
6	GST Registration Number (copy To be enclosed)	
7	Details of material/equipment supplied to government offices/ Institutes/Industries if any	
Place :		 Signature of the Bidder Office Seal
Date :		



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**FORMAT OF FINANCIAL BID
(Part-II)**

Name of the Firm: _____

Quotation for purchase

SR. No.	Name of Item	Features & Specifications	Brand	Qty.	Rate Per Unit (including GST)	Amount (in Rs.)
01.						
02						
03						
	Total					
Total Amount in Rupees only)						

1. We agree to supply the above mentioned item sin accordance with technical specification for a total contract price of(in words Rupees) including taxes, Transportation etc. with in Tendays of the issue of supply order.
2. We also confirm that the normal commercial warrantee/guarantee shall apply to the supplied items.
3. We also agree and abide with the terms and conditions stipulated in the bid document.

(Signature of Bidder with Seal)

Name:

Designation: Address:

ContactNo.: **Director**
Kolhapur Institute of Technology's

Date: **College of Engineering (Autonomous)**
Kolhapur

