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ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Thakral Nagar, Raisen Road, Bhopal-462 021 (M.P.) INDIA

Tender No: OIST/EC/TENDER/21-22/01

Date: 22/1/2022

NOTICE INVITING TENDER

Oriental Institute of Technology, Bhopal, one of the best Institutes of central India, invites Online/sealed bids **from all Indian Manufacturers/Service providers or their authorized vendors, having registered office in India** who fulfill the criteria mentioned in the Tender document and have adequate credential, for the equipments listed in the tender document for “**AICTE-OIST IDEA LAB**” that is being developed at Oriental Institute of Science and Technology under the AICTE Idea lab Funding Scheme, in which , OIST, Bhopal is one of the chosen 49 Institutions from all over India .

Interested parties may submit their sealed bids under Two-Bids system as per **Technical Specifications** given at **Annexure I** and **General Terms & Conditions and other formats** given at **Annexure II**. Two covers (Technical Bid and Price Bid) and can be sent through following modes

- a) Online to the Chairman, Purchase Committee at idealab@oriental.ac.in
- b) Sealed and submitted in hardcopy with tender reference number (**Tender No. OIST/EC/TENDER/21-22/01 DT: 22/1/2022**) and submitted to “**Chairman, Purchase Committee (AICTE-OIST IDEA LAB), Oriental Institute of Science and Technology, Bhopal, on or before 31/01/2022 at 3.00 PM .**

The technical bid will be evaluated first and price bids will be opened in respect of those OEMs/Vendors, who are found technically qualified after evaluation of Technical bids. Date for opening of bids will be intimated later. Kindly refer to the Institute website www.oriental.ac.in [link: Tenders] for complete tender details and for bid opening details. If there is any corrigendum/addendum, it shall only be published on Institute’s Website.

ANNEXURE 1

List of equipments to be procured for the OIST- AICTE Idea Lab through the Tender mode

Technical Specifications

S.no	Name	Specification	Quantity
1	Laser Cutter	Size 600 X 400mm min Source C02 Laser Material support- wood, glass, plastic, acrylics, metals 60/80/100 watts Resolution 1200 dpi min Software support-Photoshop, AutoCAD, CorelDRAW	1
2	Vinyl Cutter	Cutting width 606 mm X 1070 mm min	1
3	3D Printer	Build volume- 200 X 200 X 200mm Material support- ABS,PLA,PVA, Nylon Print speed minimum 100 mm per second Preferred Brand Ultimaker	1
4	3D Scanner	Handheld/Turntable scanner Accuracy 0 to 1 mm Calibration automatic Data transfer USB or Wi-Fi	1
5	CNC Router	Size 2400 mm x 1200mm X 150 mm Step resolution 0.01 mm/min	1
6	Mini Desktop Lathe cum Milling Machine cum Drilling	Admit Between Center : min 450-550 mm Spindle Speed : 2000 RPM Swing over cross slide : Roughly 150 mm	1
7	Mixed Signal Oscilloscope	MSO Design capability with at least 4 Analog and 4	1

		Digital Channels BW:200 / 100 / Mhz Colour display : Large Logic Analyser-16 channels Integrated Trigger mode : edge/pulse width/line selectable video/slope/overtime etc. USB host and device connectivity, standard Multiple automatic measurements ,math functions, including FFTs	
8	Smart board	Finger touch/stylus based Fast responsive Touchscreen Size 6'x4' Associated Software	1
9	Heavy Duty Laser printer	Make: HP/Reco RAM Size:512 MB min Memory Storage Capacity:0.5 GB min Digital Storage Capacity:512 MB min Hardware Interface:Ethernet, USB 2.0 Printspeed :27 ppm min Printing Technology: Laser Supports Dual Sided Printing: Yes Scanning: Yes	1
10	PCB Milling machine	Working area : 30x18x4.5cm min Drill Depth: 0-10 mm	1
11	PC	i5/i7 processor of min. 3 Ghz, 8/16GB RAM, hdd 1TB/128 GB SDD, min. 2 GB graphics card dedicated with Windows 10	5
12	UPS	10 KVA for at least 1 hour support	1

Note: All hardwares must be associated with supporting softwares as an open source like Eagle, Inkspace, Blender, Cut Viewer, etc.

General terms and Conditions:

- a) If the bidder provides any other extra features on the Hardware or Software which are not mentioned in the tender product specifications, then that shall be highlighted in clear terms, with documentary evidence/literature.
- b) The supplier must ensure timely installation of Experimental test setup with necessary support to the indenters
- c) The Supplier is required to provide training at free of cost to the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment.
- d) The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter. The supplier shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements
- e) The Competent Authority, at OIST, Bhopal reserves right to cancel the tender at any time or amend/withdraw any of the terms and conditions contained in the Tender Document, without assigning any reason, thereof.
- f) OIST, Bhopal reserves the right to accept either in full or in part any tender and to reject any or all offers without assigning any reason thereof.
- g) Late and delayed tenders will not be considered. In case any unscheduled holiday occurs on prescribed closing date the next working day shall be the prescribed date of closing
- h) Material should be confirming to our specification. The deviations if any should be clearly indicated in the quotations
- i) If offered Price Term is other than the FOR-Destination term, approximate Freight & forwarding charges along with the applicable Insurance charges may be mentioned.
- j) Details of GST registration, PAN No. should be furnished along with quotations.
- k) Warranty: Period of warranty should be clearly mentioned and also the parts covered under it. Warranty will be applicable from the date of successful installation. (Minimum Warranty of 2 years and extended warranty should be mentioned clearly)
- l) Service Facility: Supplier must mention about the service set up in India & confirm effective after sales service.
- m) OIST, Bhopal is not bound to accept the lowest or any quotation for whatsoever reason and reserve its right to accept or reject in whole or in part any or all the quotations received without assigning any reason.
- n) Applicable taxes shall be quoted separately for all items and levies payable by the supplier under the contract shall be included in the unit price
- o) Training clause to be mentioned.
- p) Delivery period should be mentioned clearly in the quotation.

TIME EVENTS OF VARIOUS TENDER RELATED ACTIVITIES

Tender No and date	
Description of Tender	Procurement of Equipments for the AICTE-OIST Idea Lab under the funded IDEA (Idea Development, Evaluation and Application)lab project
Tender Fee	Nil
Bid Submission Start date	From date of publish of this tender
Last date & time for submission of tenders/quotations	31/01/2022 at 3.00 PM
Bid System	Two Bid
Bid Validity	120 days from the opening of Price Bid
Submission of bids	<ul style="list-style-type: none"> a) Online to the Chairman, Purchase Committee at: idealab@oriental.ac.in b) Sealed and submitted in hardcopy with tender reference number (Tender No. OIST/EC/TENDER/21-22/01 DT: 22/1/2022) and submitted to “Chairman, Purchase Committee (AICTE-OIST IDEA LAB), Oriental Institute of Science and Technology, Bhopal, on or before 31/01/2022 at 3.00 PM .
Any clarification	Mail at: idealab@oriental.ac.in