



**Shri Shankaracharya Institute of
Professional Management and Technology**

P.O. Sejbahar, Mujgahan, Raipur (C.G.)

Website: www.ssipmt.com Telephone: 0771-3501600/601

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Tender No.: SSIPMT/IDEA/2021_001



**TENDER DOCUMENT
FOR
SUPPLY & INSTALLATION
OF
EQUIPMENTS/INSTRUMENTS/MACHINES/TOOLS
&
OTHER ITEMS UNDER RATE CONTRACT**

SECTION -I
NOTICE INVITING TENDER

Notice No.: SSIPMT/PR/2021/1037

Tender Reference No.: SSIPMT/IDEA/2021_001

Dated: 08/12/2021

SSIPMTRaipur invites E-tender for supply and installation of equipment/instruments/machines/tools for AICTE IDEA LAB to be established at SSIPMT Raipur,Sejbahar, P.O.Mujgahan Campus at Raipur. The details of items required are available at www.ssipmt.com the last date to send bids is 20.12.2021.

Principal
SSIPMT,Raipur



Shri Shankaracharya Institute of Professional Management and Technology

P.O. Sejbahar, Mujgahan, Raipur (C.G.)

E-mail : principal@SSIPMT.com

Website : www.SSIPMT.com

E-tender are invited for supply and installation of equipment/instruments/
machines/tools for AICTE IDEA LAB to be established at SSIPMT Raipur, Sejbahar, P.O.
Mujgahan Campus at Raipur. The index for this tender is given below:

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SECTION -II

IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1	PeriodofAvailabilityof Tender	From08.12.2021TO 20.12.2021
2	Lastdate&timeforsubmissionofTender	Date: 20.12.2021,Time:05.00PM AddressofSubmissionofBid: principal@SSIPMT.com (Tenders submitted after 20.12.2021, 05:00 PM will not be accepted)
3	Mode of Procurement	Through Open Advertisement and through official E-mail Id to principal@SSIPMT.com (Tenders will be accepted only in pdf format sent via e-mail only)
4.	Purchaser	Shri Shankaracharya Institute of Professional Management and Technology, Raipur C.G. (Abbreviated as SSIPMT,Raipur)
5.	Delivery Period	Within 15 days including Sundays and holidays from the date of issue of the purchase order.
6.	Mode of Delivery	By Air / Road / Rail
7.	Guarantee/Warranty/CMC	<u>Comprehensive warranty</u> As per scheduled of the items the Warranty/CMC varies.
8.	Tender Document Cost	No Cost
9.	Opening date of tender	Date: 21.12.2021, Time: 11:30 AM
10.	Full Address and Contact Details of the Tenderer	Shri Shankaracharya Institute of Professional Management and Technology, P.O. Sejbahar, Mujgahan– 492015 Raipur (C.G.)

SECTION -III

Items to be procured with their technical specifications

S. No.	Equipment Name	Technical Specification	Quantity	Remarks
1.	CNC Laser Cutting Machine	<p>Bed Size: 4 feet × 3 feet Bed Type: Adjustable (Motorised/ Manual) Z Axis Movement Minimum 100 mm Laser Type: CO2 Cooling Method: Motor Cooled Phase: Single Drive System: Stepper Motor Engine Speed: 0 to 75 Meter/Minutes Operating Voltage: 220-230v AC, 56/60 Hz Amperage: 10 Amp (max.) Support Formats: HPGL, DWG, CDR, PLT, DXF, DMP, JPEG, AI, GIF, TIFF, PSD Computer Interface: USB, U-Disk, Ethernet Display Panel: TFT Colour LCD Screen Display</p> <ul style="list-style-type: none"> • Current File Name • Total Working • Laser Power • Traveling Speed etc. <p>Exhaust System: A/C High Speed Blower Safety: Red Pointer, Laser Protective Transparent Top (Glass Shield) Computer System Compatibility: Windows 7/8/10, 32-64 bit Speed Control: Adjustable 0.1 to 1000 mm/Sec Power Control: Adjustable 1.0 to 100%</p>	01 (One)	-
2.	CNC Router	<p>Working Area Size (x, y, z): 4 feet × 8 feet × 0.82 feet (1220mm × 2440 mm × 250 mm) Spindle: 6 KV water Cooled (Preferable)/ Air Cooled Spindle Speed: 18000- 20000 rpm Traveling Speed: 20 m/min Cutting Tool diameter: 03 mm to 16 mm Table Structure: Heavy duty Rigid steel frame Drive System: A.C. Servo meter Operating System: Hand Held</p>	01 (One)	-
3.	3-D Printer	<p>Nozzle Diameter: 0.3 mm Minimum Print Speed: 10 to 150 mm/sec Build Volume: 200 × 200 × 250 mm Filament Dia: 1.75 mm Filament compatibility: PLA, ABS, PC, PETG, PLACF Maximum Platform Temp: 110⁰C Minimum Extruder Temp.: 250⁰C Camera: Build in Camera Computer Compatibility: USB Cable, U-Disk, SD- Card Power: 220-230 v AC, 50-60</p>	01 (One)	-

S. No.	Equipment Name	Technical Specification	Quantity	Remarks
4.	3D Printer	Ender 5 pro Model	01 (One)	CREALITY MAKE
5.	3D Printer	Nozzle Diameter: 0.4 mm Minimum Printing Technique: Fused Deposition Modeling Build Volume: 250×180×150 mm (LWH) Layer Resolution: 100 Microns Material Diameter: 1.75 mm Material Compatibility: PLA, ABS, PC, PETG, PLACF Maximum Platform Temp: 110 ⁰ C Minimum Extruder Temp.: 250 ⁰ C Print Speed: 10 to 150 mm/sec (Minimum) Camera: Build in Camera Computer Compatibility: USB Cable, U-Disk, SD- Card Power: 220-230 v AC, 50-60	01 (One)	-
6.	Vinyl Cutter	Cutting Width Size: 4 Feet (1220 mm) Accuracy: ± 0.01 mm Connector: USB/RS -232 Minimum Speed (Straight): 30 inches/sec Motor: DC Servo/ 25 watt Motor Speed: 0 – 3500 rpm CPU: 64 bit DSP 32 m Flash Machine power: 220 v/ 100 watt	01 (One)	-
7.	Dremel Rotary Tool	Dremel 4000- 6/50 Model	01 (One)	With all (50) attachments including flex shaft and drilling stand
8.	Power Tools	Vacuum Cleaner: 25 lt (Bosch Make) Zig saw: (Bosch Make) Wood Router: (Bosch Make) Planner: (Bosch Make) Hot Air Gun: (Bosch Make) Straight Grinder: (Bosch Make) Air blower: (Bosch Make) Cut off Machine: (Bosch Make)	01 (One)	-
9.	Welding Machine	Inverter Welding Machine: Arc and TIG Mode (250 Amp)	01 (One)	Good Quality Machine
10.	Stand Drill	Stand Drill Machine: 1 hp Motor with 3-18 mm chuck	01 (One)	Good Quality Machine
11.	Sheet Bending Machine	Manual/Motorised, Capable of Bending 4 feet long 2 mm thick MS/Aluminium Sheets	01 (One)	Good Quality Machine
12.	Pipe Bending Machine	Manual/ Motorised, Capable of Bending 6 mm – 25 mm Pipe/ Round Bar	01 (One)	
13	Sheet Rolling Machine	Manual/Motorised, Capable of Bending 4 feet long 2 mm thick MS/Aluminium Sheets	01 (One)	
14.	Shearing Machine	Manual, 14 inch Cutting Blade	01 (One)	

SECTION -IV

GENERAL TERMS AND CONDITIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1. Scope of supply: -
The bidder shall have to supply and installation of the Various Types of Lab Equipment as per detailed specifications given in the section-III.
2. Required qualification of the bidder: -
The bidder must have: -
 - (i). Registration for GST
 - (ii). Valid & active PAN issued by I.T. Department.
 - (iii) I.T. return for the last 02 assessment years
3. Cost of tender: NIL
4. The tender/quotations should be sent through **e-mail only in pdf format** to principal@ssipmt.com on or before the scheduled last date and time only. Bids received through courier service/by hand / any other means shall not be considered.
5. The acceptance of the tender and award of the purchase order will be the sole right of the Principal, SSIPMT Raipur who does not bind himself to accept a tender in whole or in part or reject any or all the tenders received without assigning any reasons and no explanation can be demanded for the cause of rejection of the tender by any tenderer.
6. The tenderers should send their offers along with the specifications, necessary drawing/images (if required) which will form the basis of their offer and is an integral part thereof.
7. No person or firm is permitted to submit more than one tender under different names.
8. The tenderer shall not sublet the contract or assign to any other party or parties, the whole or any portion of the contract.
9. Demonstration of equipment through video conferencing mode or physical mode, machine or article available with the firm shall be arranged by the tenderer whenever requested by Principal, SSIPMT, Raipur.
10. Manufacturers will be given preference. Copy of license is to be attached with tender for each item filled in, wholesalers/distributors dealing with the item will have to attach copy of authorization certificate of the manufacturer.
11. Rates should be quoted for the supply and installation of Various Types of Laboratory Equipment as per the specifications given in the section-III of this tender document.
12. In case of any doubt as to the meaning of any of the terms & conditions or the specifications the tendering firm may set forth the particulars there of and mail them to principal@ssipmt.com well in advance so that such doubts may be removed before submitting the tender any delay whatsoever will not be the responsibility of SSIPMT, Raipur.
13. Prices offered by the tenderers should be firm and free from all escalations and shall be valid at least for a period of 120 days from the date of approval of rates.
14. The tenderer should quote rate on FOR – Destination as mentioned on Work Order basis (Including all expenses- Freight/ Loading/Unloading at site etc).
15. The tender should clearly specify that rates quoted are inclusive of GST as per government norms.

16. Depending upon the type of material, the supplier shall have to carry out proper packing/crating to avoid damage during transit. Payment will not be made for damaged goods.
17. Warf rage/Demurrage etc. on account of incorrect or delayed dispatch of material/documents shall be the responsibility of supplier and shall be recovered from the bills.
18. Insurance of materials being supplied, during transportation is to be arranged by the tenderer at his/her own cost.
19. All the materials supplies are subject to inspection at our stores before acceptance. If goods are rejected due to defective or wrong supply, the report of our authorized official in this respect shall be FINAL and no correspondence on the subject would be entertained. The rejected goods should be removed from our premises by the tenderer within 15 days after receipt of our inspection report, failing which the same shall be returned to the supplier at his risk and expenses or disposed off and loss incurred will be completely borne by the tenderer.
20. The successful bidder will have to sign an agreement.
21. Tenderers may submit their bids for selected items/all items as mentioned in section-III of this tender.
22. **Chinese machines or Chinese machines with different labels** put on them will be highly discouraged even though they may be quoted for a lesser price than other bidders.
23. All the Supplied items shall be preferably Guaranteed or warranted for a period of minimum 01 year.
24. The tenderer must attach proof of at least 02 parties where he has previously supplied the items which he/she is quoting through this tender.
25. 10% mobility advance may be paid after finalization of tenderer and after the successful delivery, installation and trial run/testing of equipment/machines supplied, 80% of the cost will be paid within 07 working days and remaining 10% will be paid only after proper demonstration and training imparted by qualified person to the personnel as assigned by SSIPMT, Raipur.
26. The training of staff will have to be conducted at our premise at SSIPMT, Raipur Chhattisgarh within a period of 07 days of installation and trial run or the date of release of 80% of payment, whichever is earlier.
27. For the trainers coming for demonstration / training food and stay can be provided to them on request and will be charged by SSIPMT, Raipur @ INR 500=00 per person per day.
28. **DECLARATION:** The tender submission by the tenderer itself implies that he/she has read all the instructions, terms and conditions laid down in the tender and has completely made himself / herself aware of scope, quality & technical specifications of the machine / equipment to be supplied and, have fully satisfied himself / herself with all related bindings that were expected from him / her through conscious participation.
29. For all disputes, the venue for legal court shall be at Raipur Chhattisgarh.

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