



# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

PO- ENGINEERING COLLEGE BURLA, DIST-  
SAMBALPUR, ODISHA-768018

No. VSSUT/ME/OURIIP/ 534 /2024

Date: 27/02/2024

## TENDER CALL NOTICE

Sealed tenders are invited in *single bid form (Price & Technical bids together)* from original manufacturers/authorized dealers for the supply of instruments/equipments for the **Dept. of Mechanical Engineering**, VSSUT, Burla, Sambalpur, Odisha. The tenders shall reach the office of the undersigned through **Speed/Registered** post only **on or before 27.03.2024 upto 5.00PM**.

For more details, please visit our university website [www.vssut.ac.in](http://www.vssut.ac.in). The authority the reserve right to accept or reject all the tenders without assigning any reason thereof.

REGISTRAR

V.S.S. University of Technology  
Burla, Sambalpur, Odisha-768018

Ref. No. VSSUT/ME/OURIIP/ 534 /2024

Date: 27/02/2024

Copy to:

1. The Director, Department of I & PR, Govt. of Odisha, Bhubaneswar with request to publish the above advertisement in one issue of English daily "**THE NEW INDIAN EXPRESS (All India Edition, using the minimum space)**" at the I&PR approved /lowest rate. The bill may be sent in triplicate along with a copy of the paper in which the publication is made.
2. University Notice Board of VSSUT, Burla.
3. Comptroller of Finance for information and necessary action.
4. PA to Vice Chancellor for information of the Hon'ble Vice Chancellor.
5. PA to Registrar for information and necessary action.
6. The Dean F&P with a request to display the advertisement in university website.

REGISTRAR

V.S.S. University of Technology  
Burla, Sambalpur, Odisha-768018



# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

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(Established by Govt. of Odisha in 1956 & upgraded in 2009 to A State Govt. University Covered Under Section 2(f) & 12 (B) of UGC Act.)

P.O : Engineering College, Burla (Siddhi Vihar), Dist : Sambalpur Odisha -768018, INDIA

Ph : 0663-2430211, Fax : 0663-2430204 Website : [www.vssut.ac.in](http://www.vssut.ac.in)

Ref: No: VSSUT/ME/OURIIP/ 534 /2024

Date: 27/02/2024

## TENDER CALL NOTICE

Sealed Bids (Single Bid) (Technical Bid and Price Bid together) are invited by the "The Registrar, Veer Surendra Sai University of Technology, Odisha" from the manufacturers/authorized distributors/ dealers for supply of Instrument, equipment, machineries etc. of reputed make (National/ International) for the Department of Mechanical Engineering, VSSUT Burla, Odisha. The list of equipments and their technical specifications are mentioned in the different annexures.

### The list of equipment

Sl. No	Description	Quantity	Remarks
1.	3 in1 3D Printer	1 No.	Annexure -I

The Bidders may download the Tender Documents directly from the website available at <http://www.vssut.ac.in>.

### TIME SCHEDULE:

- Tender fee Rs 2000/- is required for bidding the tender document (*Non – Refundable*)
- Date of commencement of downloading bidding document 29.02.2024 at 10.00 AM.
- Last date and time for Receipt of bids 27.03.2024 up to 5.00 PM
- Time and date of opening of Tender & technical bid 30.03.2024 at 11.30 AM
- Place of Opening of Tender and Address for Communication and Receipt of Bid Documents

### THE REGISTRAR

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA

At- Burla, Po - Burla Engineering College, Dist-Sambalpur-768018,

Tel. No – 0663 - 2430211 Fax No – 0663 – 2430204

REGISTRAR  
VSSUT Burla  
V.S.S. University of Technology  
Burla, Sambalpur, Odisha-768018



## General Terms and Condition

### **GENERAL TERMS & CONDITIONS OF CONTRACT FOR SUPPLY, INSTALLATION AND DEMONSTRATION OF THE INSTRUMENTS, EQUIPMENT, MACHINERIES REQUIRED FOR DEPARTMENT OF MECHANICAL ENGINEERING, VSSUT, BURLA, ODISHA.**

#### **1. Document Establishing Bidder's Eligibility & Qualification**

The Bidders shall furnish as part of the Bid the following Documents establishing Bidder's eligibility and qualification to the Purchaser's satisfaction.

- a. Manufacturer / Authorized Distributor / Dealer having valid license / certificates for the quoted item and the direct Importers holding valid Import License Manufacturer / Authorized Distributor / Dealer of the product are eligible to participate in the Bid.
- b. Bidders should have **ISI or equivalent** certification for quoted instruments and equipment. However, the Purchaser shall have the right to consider the items where ISI or equivalent certification is not applicable.
- c. The Bidder whether manufacturer/ distributor/ dealer must have experience of supply and installation of the quoted items in reputed Government Institutions / Public Undertakings / reputed Private Institutions within India during last preceding 3(Three) years reckoned from the date of bid opening and the details must be submitted along with documentary proof.
- d. The Bidders shall have to produce document in support of their service associates **nearest to Bhubaneswar/ Sambalpur**, Odisha.
- e. Bidder shall have to provide operational Training for **Machineries** to one Official of each consignee at Suppliers Plant or Consignee site **at least for 7 days whichever is suitable to Purchaser**.
- f. The Bidder shall quote items of one reputed Brand/model with all accessories in complete to perform functionality of Equipment/Machinery.
- g. Manufacturer has to submit copy of Industry Registration of quoted products and Tax Registration Certificate issued from Competent authority. In case of Authorized Distributor / Dealer/Suppliers have to submit Manufacture authorization along with copy of above documents of Manufacture Industry.

## 2. Document Establishing Goods Eligibility

The instruments and equipment offered against the schedule of requirement of instruments, equipment and Machineries should be in accordance with the stipulated specifications and of one reputed brand/model (N.B: Variation in specification is allowed upto  $\pm 5\%$  in case of Machineries/Equipments)

- a. The documentary evidence establishing the brand and the model may be in the form of literature, pamphlets, manuals, drawing, circuit diagram etc.
- b. Detailed description of instruments and equipment with essential technical and performance characteristics may also be furnished.
- c. The Bidders should clearly mention in their bid regarding the compatibility of the various equipment or the individual units.
- d. The quantity shown in the bid can be increased or decreased to any extent depending upon the actual requirement.
- e. The instruments and equipment should have testing certificate for its satisfactory functioning.

## 3. Technical Bid & Price Bid together in a single bid

The following document should be submitted

- a. Technical details of the equipment as per **Annexure - I**.
- b. Copy of the manufacturing license/ import license/ Authorized Distributor/ Dealer certificates
- c. Copy of the authorization from the Manufacturing Company in case of Authorized Distributor
- d. Dealer in **Annexure II** along with Manufacturer Industry Registration and Tax Registration Certificate.
- e. GST clearance certificate up to **date** where applicable.
- f. Performance/ Market standing certificate establishing that the Bidders have executed supply of similar items as mentioned in Schedule of Requirement of instruments and equipment to different Govt. Organizations/ Government PSUs / reputed Private Institutions. (Proof of documents)
- g. Copy of the IT PAN Card.
- h. Detail name, address, telephone no. fax, e-mail of the firm and of the Director/ Managing Director/ Proprietor of the firm (As per **Annexure - III**)
- i. Address, Telephone No., e-mail, Fax of the Branch Office/ Contact Person/ Liaisoning Office in Odisha. (As per **Annexure - III**)
- j. Power of Attorney/ Authorization to a person for liaisoning and monitoring the business on behalf of the manufacturer / bidder but not entitled to raise the bills.



- k. Document if any to establish the reorganization of the manufacturing unit in respect of ISO or equivalent.
- l. **The original bid document signed & sealed by authorized person in each page as a token of acceptance of all terms and conditions of the tender with original receipt.**
- m. Documentary evidence establishing that the instruments & equipment and ancillary services to be supplied by the Bidders shall confirm to the Bidding Document
- n. The bidder has to furnish technical details of the equipments and machinery with **one make & model** as per **Annexure - IV**.
- o. Any deviation in the specification of the item including standard accessories / optional accessories in complete for functionality of Machine should be marked in **bold letters**. (**N.B: Variation in specification is allowed upto  $\pm 5\%$  in case of Machineries/Equipments**)
- p. Details of foundation drawing for instruments and equipment, if any, should be provided.
- q. The details of the service station / service associates nearest to Bhubaneswar/Sambalpur shall have to be submitted to qualify in the technical bid.
- r. Willingness to provide operational Training for Machineries to one Official of each consignee at Suppliers Plant or Consignee site **at least for 7 days whichever is suitable to Purchaser**
- s. The hard copy of price bid giving the rates for various instruments & equipment and other items should be submitted
- t. Each quoted item and all accessories should cover the warranty / guarantee for **1(one)** year from the date of commissioning.
- u. The bidders are required to submit the list of the spare parts required for the machine as well as the list of the dealers/ Distributors of the spare parts nearest to Bhubaneswar, Odisha for its availability.

#### 4. SUBMISSION OF BIDS

##### Sealing and Marking of Bids

Bid should be submitted in Single Bid system containing two parts as detailed below.

##### Part A: Technical Eligibility

##### Part B: Price Bid

The cover of the bid should be following indication:

- I. Name of Dept.: \_\_\_\_\_
- II. Reference No of Bid \_\_\_\_\_

- III. Bid regarding \_\_\_\_\_
- IV. Due date & time for submission of the Bid \_\_\_\_\_
- V. Due date & time for opening of the Bid \_\_\_\_\_
- VI. Name of the Firm \_\_\_\_\_

  
REGISTRAR  
VSSUT, Burla  
REGISTRAR  
V.S.S. University of Technology  
Burla, Sambalpur, Odisha-768018

## Technical Specification of "3 in 1 3D Printer"

**ANNEXURE -I**

Sl. No.	Particular	Specification
<b>A</b>	<b>Equipment Specifications</b>	
1	Technology	All in one FDM 3D Printer, CNC Craving and Laser Engraver
2	3D Printing	<b>Work Area (W × D × H): 320 mm × 350 mm × 330 mm</b>
		Layer Resolution: 50–300 microns
		Nozzle Diameter: 0.4 mm
		Max Nozzle Temperature: 275°C
		Maximum bed temperature : 80°C
		Supported Materials: PLA, ABS, PETG, TPU (Hardness > 95 Shore A), wood filled PLA and more being tested
		Data Transmission Methods: Wi-Fi, USB cable, USB flash drive
3	Laser Engraving and Cutting	<b>Work Area (W × D): 320 mm × 350 mm</b>
		Camera: Built-in camera
		Laser Power: 1600 mW
		Wavelength: 450 nm
		Safety Class: Class 4
		Supported Materials: Wood, leather, plastic, fabric, paper, non-transparent acrylic, and more being tested
4	CNC Carving	<b>Work Area (W × D): 320 mm × 340 mm</b>
		Shank Diameter: 0.5–6.35 mm
		Spindle Speed: 6,000–12,000 RPM

		Supported Materials: Wood, acrylic, PCB, carbon fiber sheet, jade, and more being tested
5	Build Plate Leveling	Auto-leveling and calibration
6	Assembly	Modular and easy to assemble
7	Operating Screen	User Friendly Touchscreen Interface
8	Compatibility	Compatible with multiple materials
9	Machine Dimensions (W x D x H)	495 x 506 x 580 mm
10	Package Dimensions (W x D x H)	628 x 554 x 312 mm
11	Enclosure	Fully Closed Chamber
12	<b>Package Weight :</b>	28.0 Kgs
<b>B</b>	<b>Accessories</b>	
1	Accessories	Air Purifier
		Extra Nozzel Set
		Emergency Stop Button
		Desktop Computer
		UPS
2	Consumables	Filaments - PLA, ABS, PETG, TPU



**MANUFACTURES' AUTHORISATION FORM**

No. \_\_\_\_\_ / Date \_\_\_\_\_ /

To

The Registrar,  
VSSUT Odisha  
Burla, Sambalpur.

Dear Sir, Bid No. \_\_\_\_\_

We \_\_\_\_\_ who are established and  
reputable manufacturers of \_\_\_\_\_ having factories at  
\_\_\_\_\_ (Address of Factory)  
do thereby authorize M/s. \_\_\_\_\_ (Name and address of Agent) to  
submit a bid and sign the contract with you against the above bid.

\* No company or firm or individual other than M/s. \_\_\_\_\_ are authorized to bid  
and conclude the contract in regard to this business against this specific invitation for bid.

We hereby extend our full guaranty and warranty as per general conditions of contract for the goods and  
services offered by the above firm against this bid.

Yours faithfully,  
(Signature for and on behalf of Manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a  
person, competent and having the power of attorney to bind the manufacturer. It should be included  
original by the Bidders in its bid.

- This para should be deleted for simple items where manufacturers sell the product through  
different stockiest.
- The Supplier/Managing Director of the Company (if the supplier is a Company) or the Power of  
Attorney Holder having specific power to sign the contract can only sign the contract/execute the  
agreement.

## DETAILS OF THE BIDDERS

ANNEXURE - III

Bid Reference No.

Name and address of the Bidder:

01 Name of the bidder

- a) Full postal address
- b) Full address of the premises
- c) Telegraphic address
- d) Telephone number
- e) Fax number
- f) E mail:
- g) PAN No
- h) TIN No

02 Total annual turn-over (value in Rupees)

03 Quality control arrangement details

04 Test certificate held

- a) Type test
- b) BIS/ISO certification
- c) Any other

05 Details of staff

- a) Technical
- b) Skilled
- c) Unskilled

06 Branch Office/ Contact Person/ Liaisoning Office in Odisha.

- a) Address
- b) Telephone No.
- c) e-mail,
- d) Fax

Signature and seal of the Bidder

**Technical details of the Machineries & Equipments to be supplied by the bidder**

Bid Sl No. of the item	Tender specification	Bidders Specification with make and model no (Enclose manufactures catalogue / brochure for each item)	Deviation if any With university specification

Signature and seal of the Bidder